

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058200.D
 Acq On : 19 Sep 2019 13:06
 Operator : JC/SP
 Sample : VN0919WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 3:37:18 PM

Quant Time: Sep 20 07:54:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	469239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	804415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	719933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	337611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	352785	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
35) Dibromofluoromethane	7.57	113	254808	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	10.08	98	1005754	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.40	95	356126	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	72978	18.932	ug/l	97
3) Chloromethane	2.04	50	60460	19.722	ug/l	97
4) Vinyl Chloride	2.17	62	66929	20.056	ug/l	99
5) Bromomethane	2.55	94	33209	19.752	ug/l	94
6) Chloroethane	2.69	64	44347	20.266	ug/l	95
7) Trichlorofluoromethane	3.00	101	100312	19.065	ug/l	98
8) Diethyl Ether	3.39	74	47537	19.718	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	74734	19.701	ug/l	98
10) Methyl Iodide	3.93	142	53697	16.893	ug/l	99
11) Tert butyl alcohol	4.75	59	80968	104.149	ug/l #	89
12) 1,1-Dichloroethene	3.72	96	58824	20.221	ug/l	94
13) Acrolein	3.59	56	7797	67.676	ug/l #	49
14) Allyl chloride	4.30	41	106038	17.083	ug/l	90
15) Acrylonitrile	4.96	53	212986	102.828	ug/l	99
16) Acetone	3.80	43	197936	89.223	ug/l	96
17) Carbon Disulfide	4.03	76	72111	17.970	ug/l	100
18) Methyl Acetate	4.30	43	115089	19.716	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	291828	20.396	ug/l	100
20) Methylene Chloride	4.53	84	82317	21.065	ug/l	94
21) trans-1,2-Dichloroethene	5.01	96	64561	20.341	ug/l	98
22) Diisopropyl ether	5.93	45	319631	20.271	ug/l	95
23) Vinyl Acetate	5.87	43	1121054	103.904	ug/l	100
24) 1,1-Dichloroethane	5.83	63	171961	20.433	ug/l	100
25) 2-Butanone	6.81	43	299593	99.126	ug/l	98
26) 2,2-Dichloropropane	6.81	77	128408	17.985	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	94663	19.894	ug/l	100
28) Bromochloromethane	7.18	49	86345	21.689	ug/l	100
29) Tetrahydrofuran	7.19	42	184849	99.291	ug/l	98
30) Chloroform	7.36	83	180156	19.888	ug/l	99
31) Cyclohexane	7.64	56	113220	19.332	ug/l	93
32) 1,1,1-Trichloroethane	7.55	97	137749	19.975	ug/l	99
36) 1,1-Dichloropropene	7.78	75	106830	18.416	ug/l	99
37) Ethyl Acetate	6.91	43	117975	19.597	ug/l	99
38) Carbon Tetrachloride	7.76	117	109109	18.711	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	104137	18.611	ug/l	98
40) Benzene	8.03	78	338059	19.080	ug/l	99
41) Methacrylonitrile	7.15	41	57155	19.413	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	144924	19.493	ug/l	100
43) Isopropyl Acetate	8.15	43	217136	19.312	ug/l	99
44) Trichloroethene	8.82	130	83640	19.290	ug/l	97
45) 1,2-Dichloropropane	9.11	63	104743	19.795	ug/l	98
46) Dibromomethane	9.20	93	63369	19.698	ug/l	97
47) Bromodichloromethane	9.39	83	131868	19.566	ug/l	97
48) Methyl methacrylate	9.19	41	100086	19.606	ug/l	98
49) 1,4-Dioxane	9.19	88	33376	398.216	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	657152	110.039	ug/l	98
52) Toluene	10.15	92	210169	18.927	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	129402	18.744	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	146210	19.182	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	97854	19.858	ug/l	98
56) Ethyl methacrylate	10.43	69	141867	19.953	ug/l	98
57) 1,3-Dichloropropane	10.71	76	166945	19.707	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.69	63	348599	102.933	ug/l	100
59) 2-Hexanone	10.75	43	454917	102.567	ug/l	98
60) Dibromochloromethane	10.90	129	90339	19.056	ug/l	99
61) 1,2-Dibromoethane	11.00	107	89474	19.592	ug/l	99
64) Tetrachloroethene	10.63	164	65892	18.775	ug/l	99
65) Chlorobenzene	11.43	112	248717	19.641	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	92294	20.100	ug/l	100
67) Ethyl Benzene	11.51	91	438360	20.203	ug/l	100
68) m/p-Xylenes	11.62	106	316749	38.759	ug/l	99
69) o-Xylene	11.95	106	156625	19.491	ug/l	98
70) Styrene	11.97	104	275187	19.876	ug/l	99
71) Bromoform	12.13	173	55074	18.610	ug/l #	100
73) Isopropylbenzene	12.25	105	446329	21.121	ug/l	99
74) N-amyl acetate	12.07	43	184943	20.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	148884	21.039	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	135966m	22.503	ug/l	
77) Bromobenzene	12.53	156	106075	19.955	ug/l	98
78) n-propylbenzene	12.60	91	516362	21.503	ug/l	100
79) 2-Chlorotoluene	12.68	91	311732	20.771	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	380216	21.277	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	31682	19.582	ug/l	90
82) 4-Chlorotoluene	12.78	91	323739	20.521	ug/l	99
83) tert-Butylbenzene	13.00	119	335253	21.037	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	384347	21.613	ug/l	99
85) sec-Butylbenzene	13.18	105	452557	21.717	ug/l	100
86) p-Isopropyltoluene	13.29	119	400740	21.631	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	196857	20.276	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	199580	20.135	ug/l	99
89) n-Butylbenzene	13.62	91	356215	20.281	ug/l	99
90) Hexachloroethane	13.88	117	57449	19.508	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	203931	20.939	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	25329	19.881	ug/l	99

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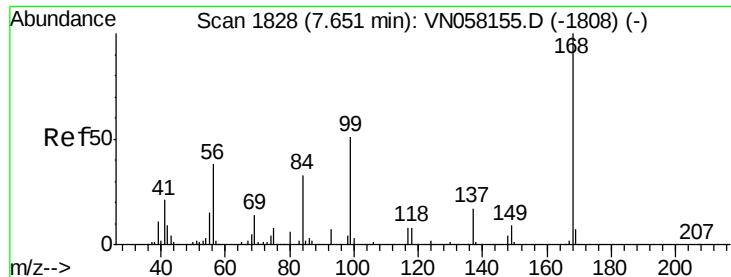
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	121894	19.589	ug/l	98
94) Hexachlorobutadiene	15.02	225	59144	19.665	ug/l	97
95) Naphthalene	15.13	128	327397	20.302	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	116031	19.728	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion:168 Resp: 469239

Ion Ratio Lower Upper

168 100

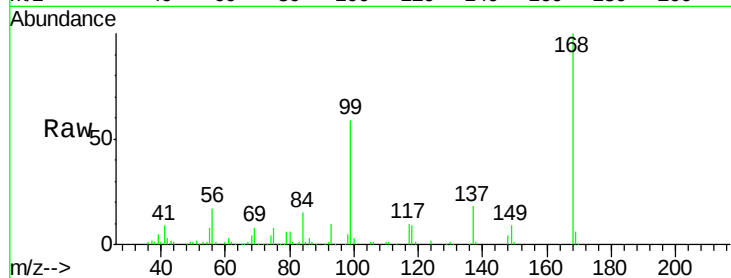
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Manual Integrations

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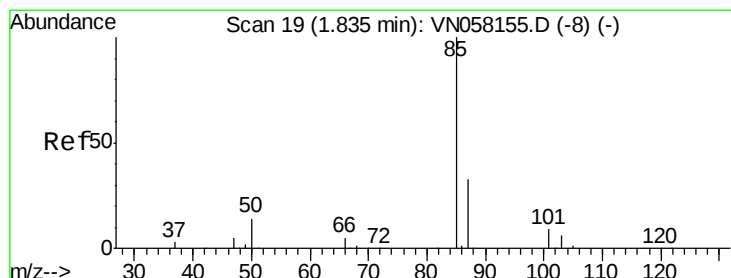
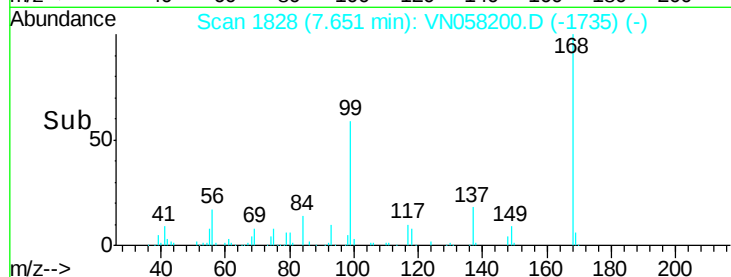
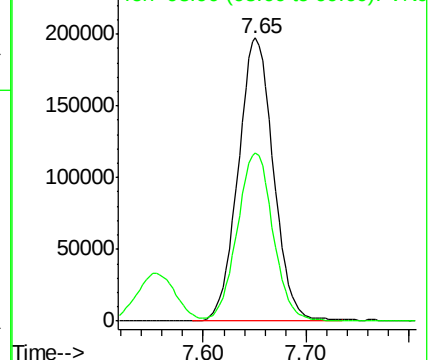
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.932 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058200.D

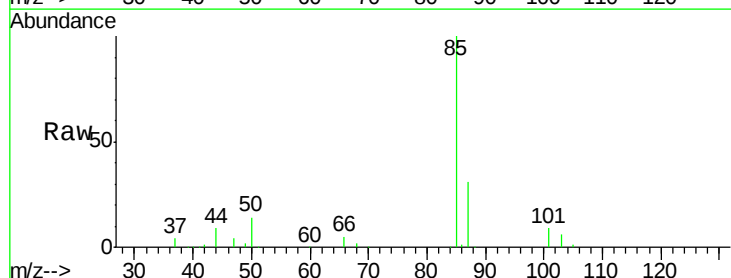
Acq: 19 Sep 2019 13:06

Tgt Ion: 85 Resp: 72978

Ion Ratio Lower Upper

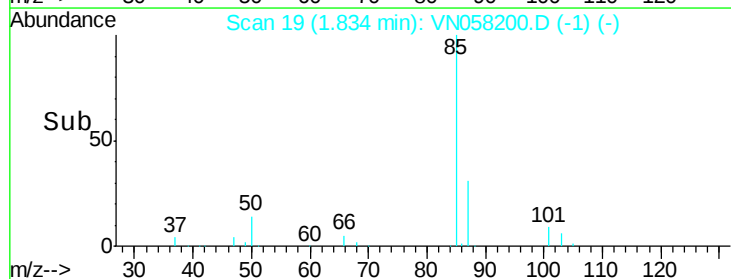
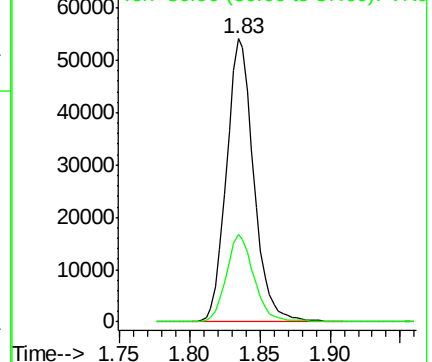
85 100

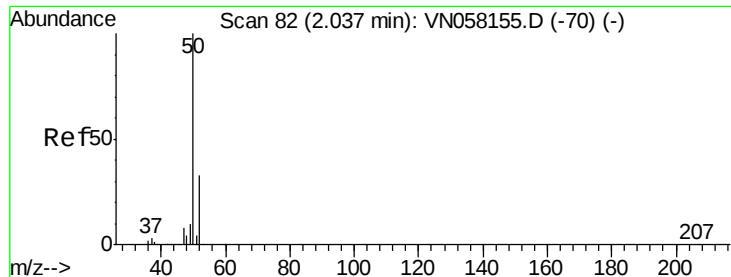
87 31.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 19.722 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion: 50 Resp: 60460

Ion Ratio Lower Upper

50 100

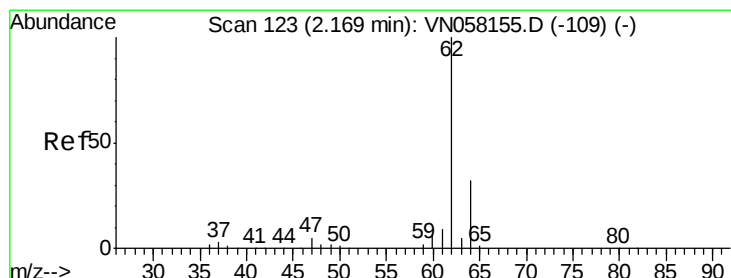
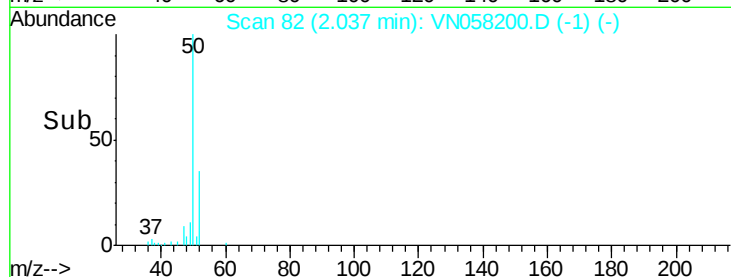
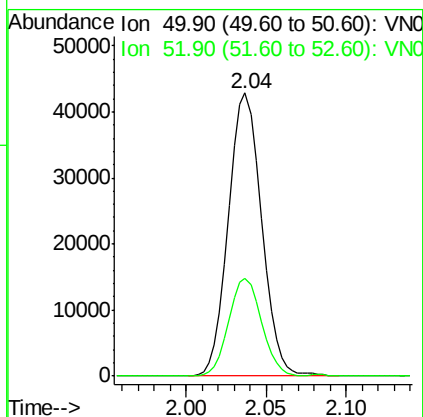
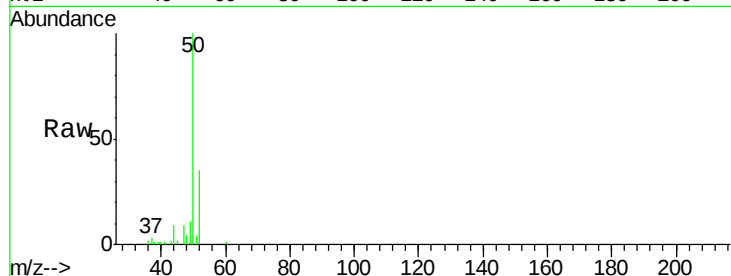
52 34.7 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.056 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058200.D

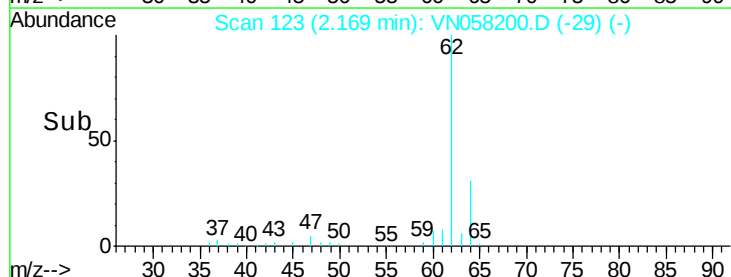
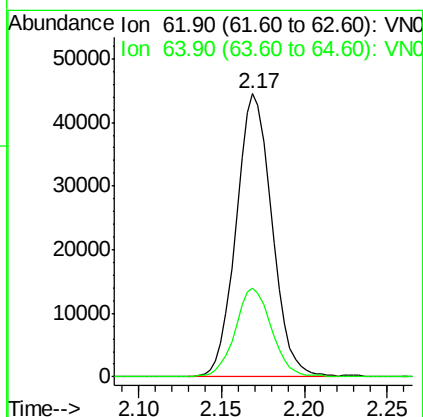
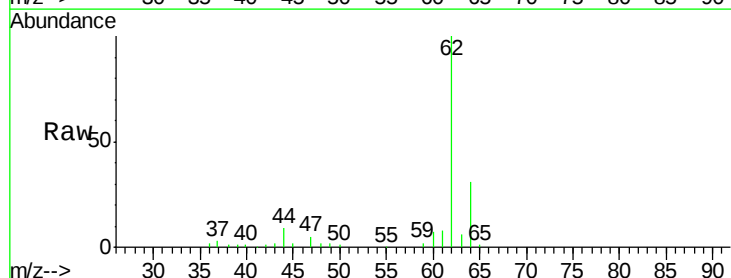
Acq: 19 Sep 2019 13:06

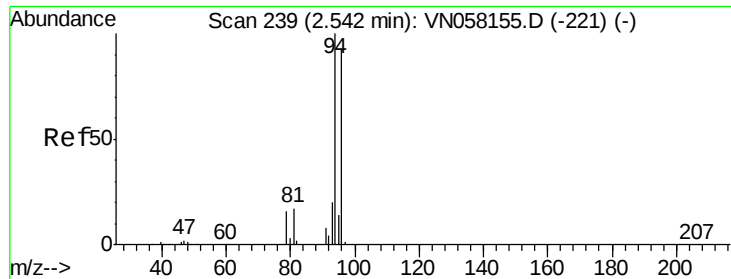
Tgt Ion: 62 Resp: 66929

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 19.752 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 33209

Ion Ratio Lower Upper

94 100

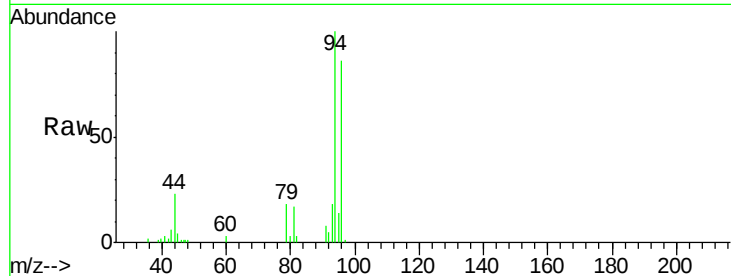
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Manual Integrations

APPROVED

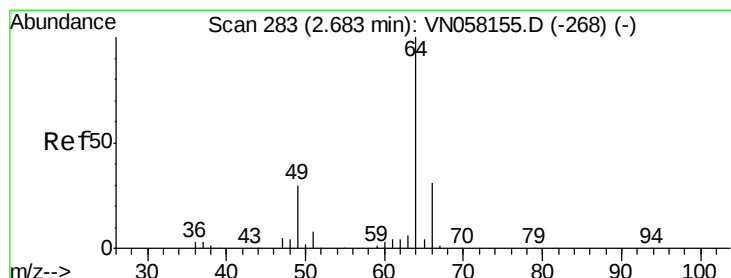
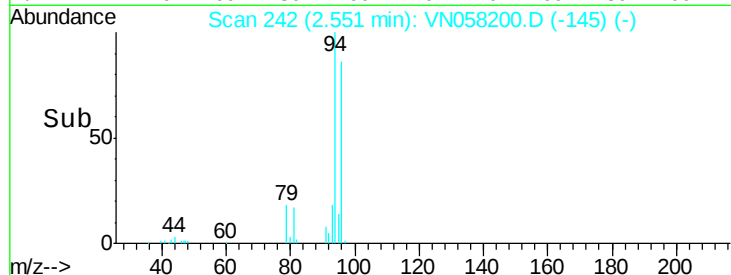
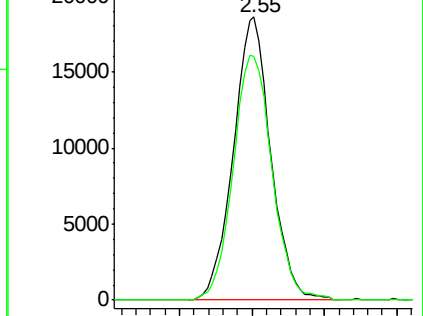
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.266 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN058200.D

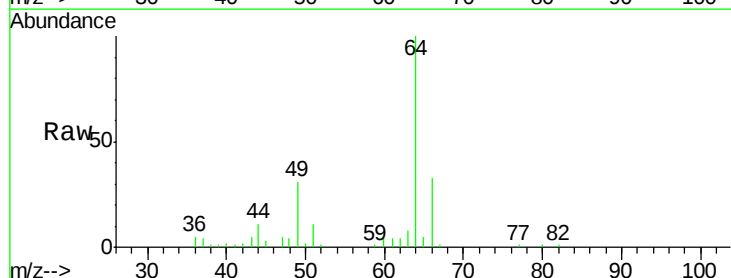
Acq: 19 Sep 2019 13:06

Tgt Ion: 64 Resp: 44347

Ion Ratio Lower Upper

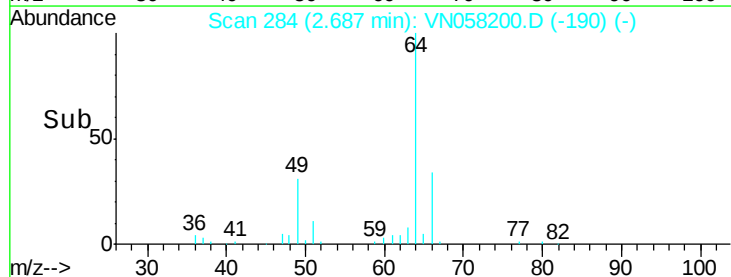
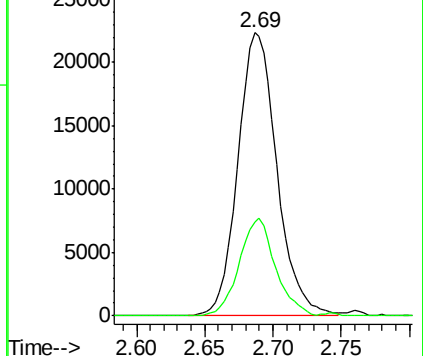
64 100

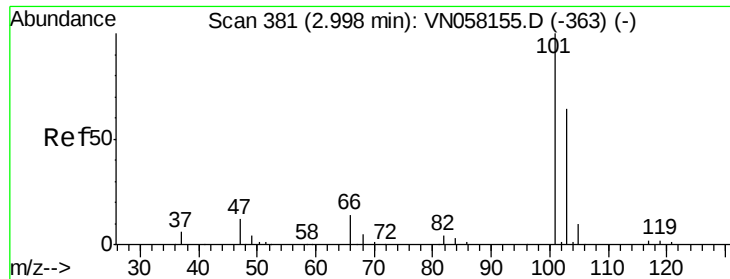
66 33.4 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

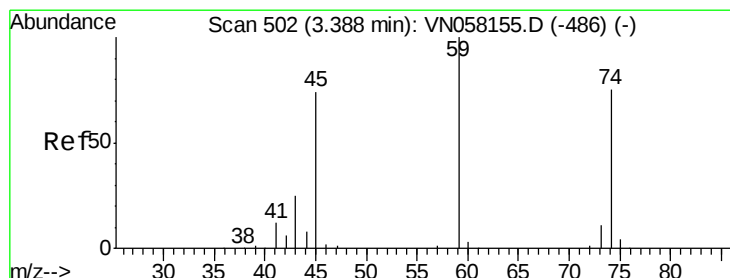
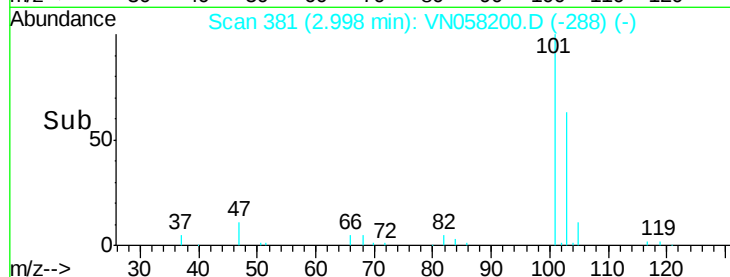
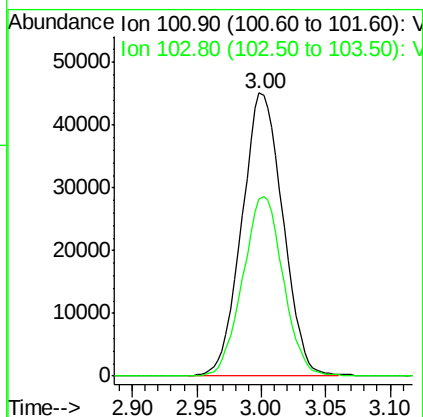
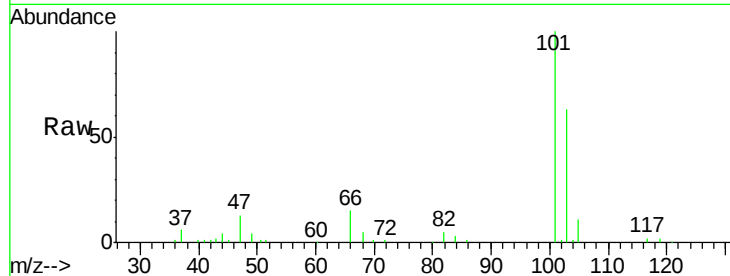
Trichlorofluoromethane
Concen: 19.065 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

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Tot Ion	101	Resp	100312
Ion	Ratio	Lower	Upper
101	100		
103	62.5	51.0	76.6

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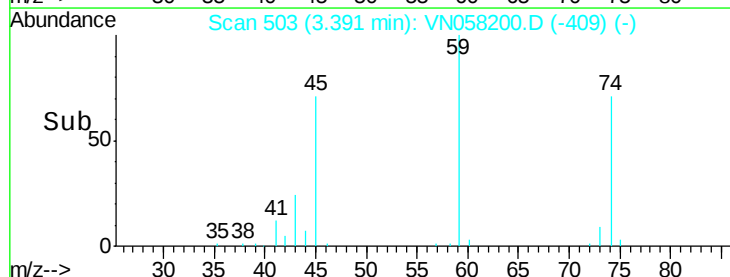
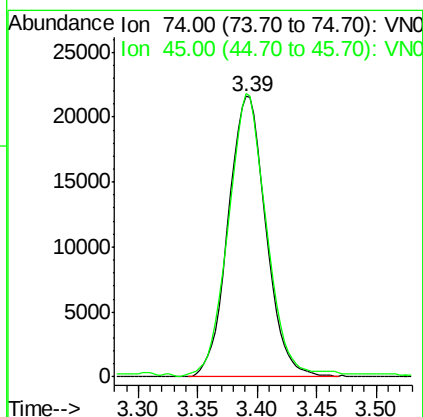
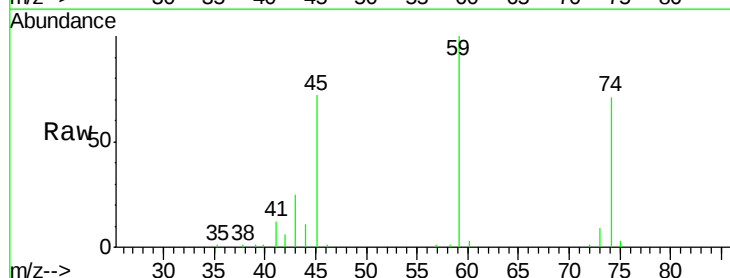
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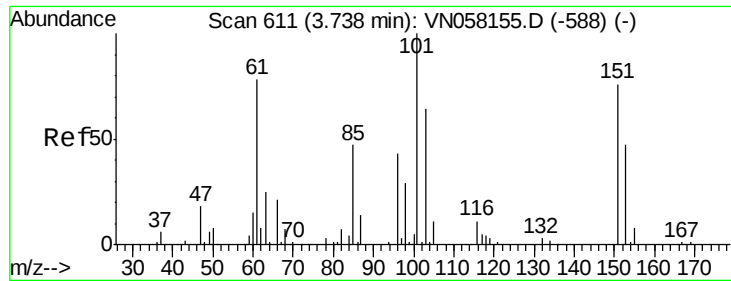


#8

Diethyl Ether
Concen: 19.718 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion	74	Resp	47537
Ion	Ratio	Lower	Upper
74	100		
45	101.6	48.5	145.5





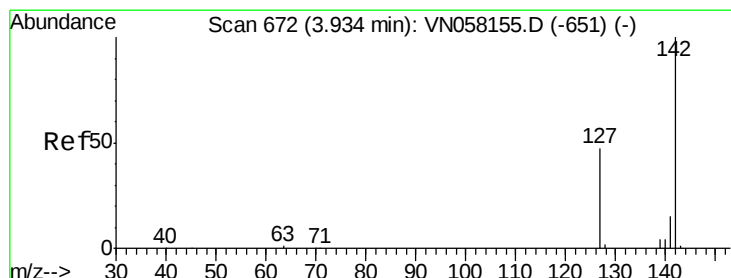
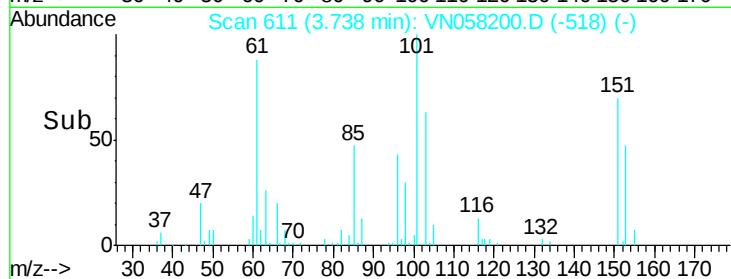
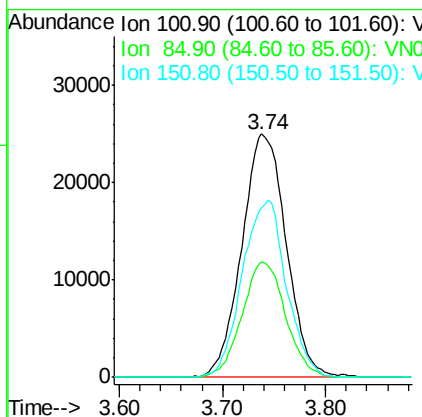
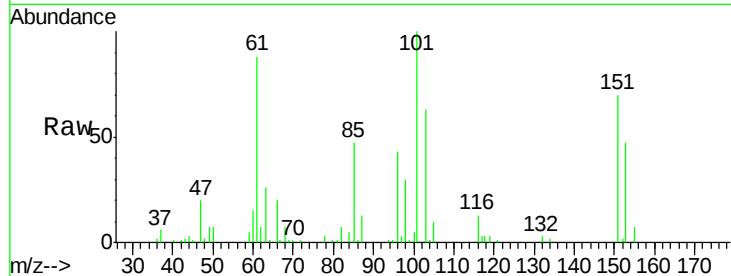
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.701 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	46.4	37.3	55.9
151	72.2	59.6	89.4

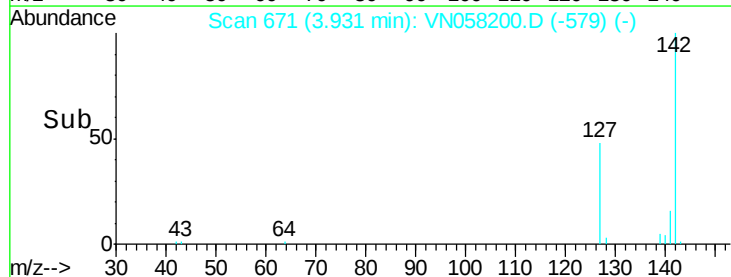
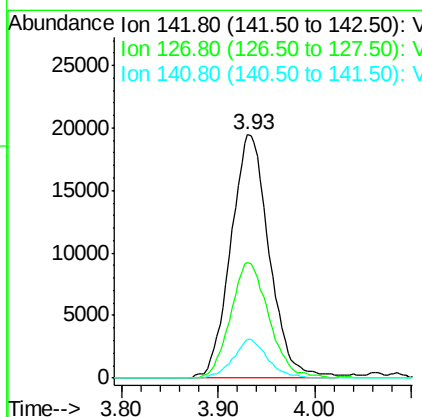
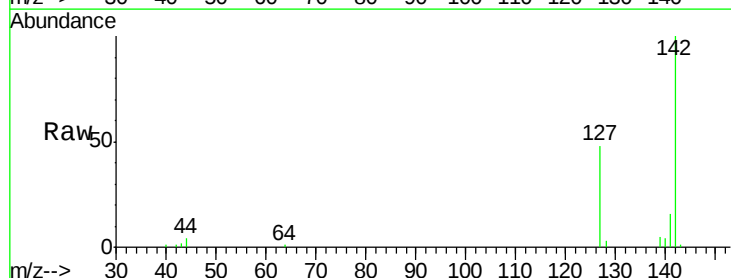
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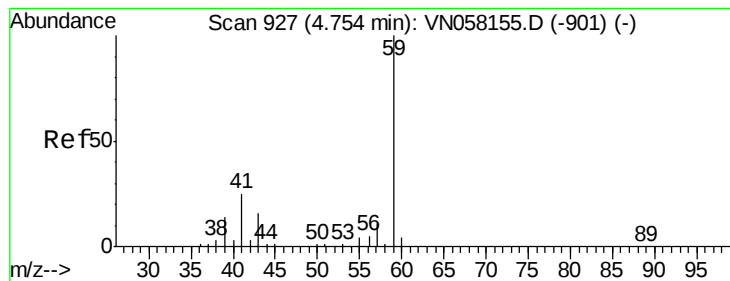
MMDadoda
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#10
Methyl Iodide
Concen: 16.893 ug/l
RT: 3.93 min Scan# 671
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.5	37.5	56.3
141	14.3	11.4	17.2





#11

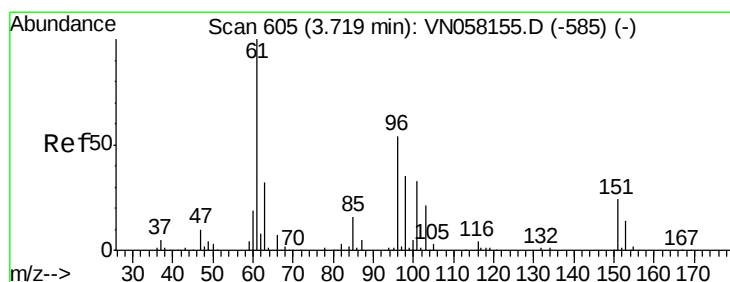
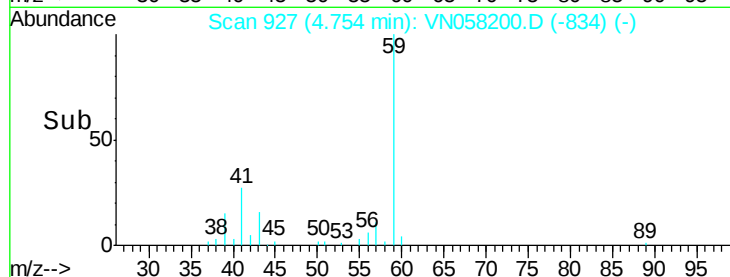
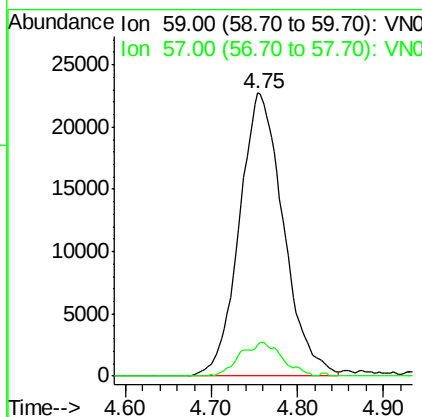
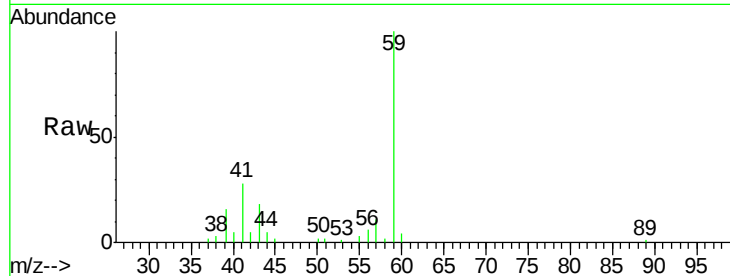
Tert butyl alcohol
Concen: 104.149 ug/l
RT: 4.75 min Scan# 927
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	59	57	Ratio	100	6.8	Resp	80968	Lower	Upper
59	100								
57		6.8				8.6	13.0#		

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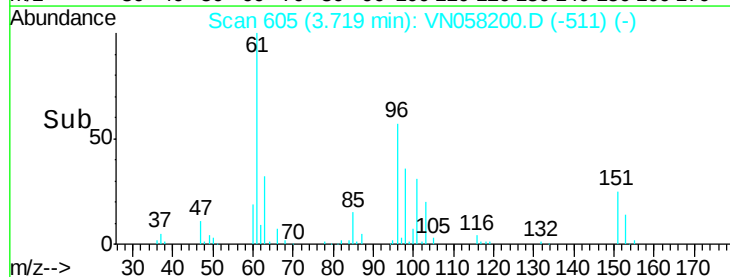
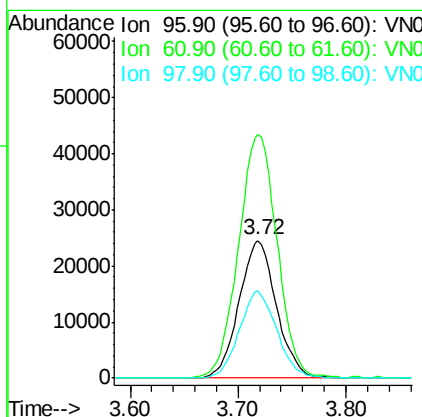
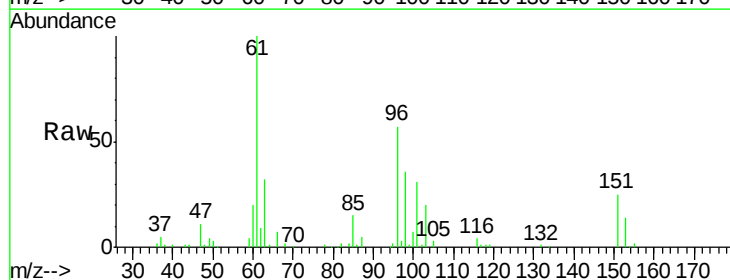
MMDadoda
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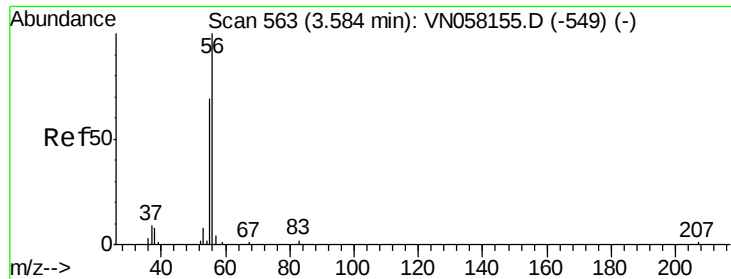


#12

1,1-Dichloroethene
Concen: 20.221 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion	96	61	98	Ratio	100	176.9	63.2	Resp	58824	Lower	Upper
96	100										
61		176.9				149.5	224.3				
98		63.2				52.4	78.6				





#13

Acrolein

Concen: 67.676 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion: 56 Resp: 7797

Ion Ratio Lower Upper

56 100

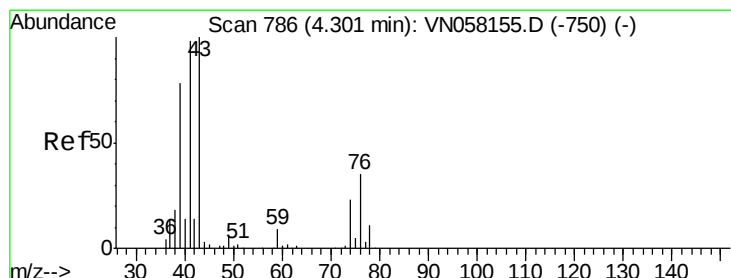
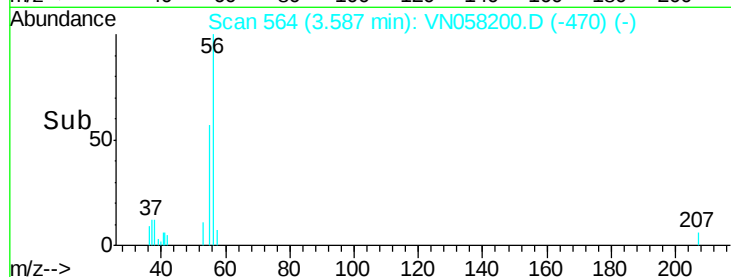
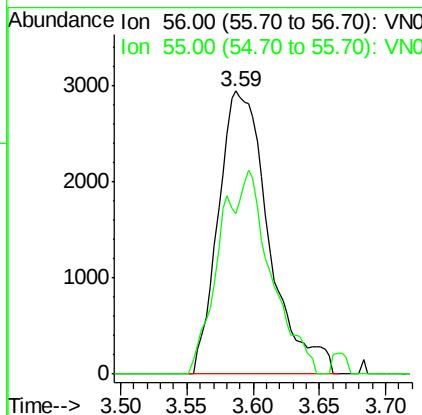
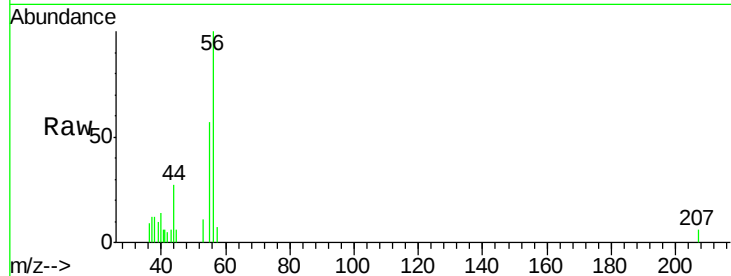
55 28.2 56.1 84.1#

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#14

Allyl chloride

Concen: 17.083 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

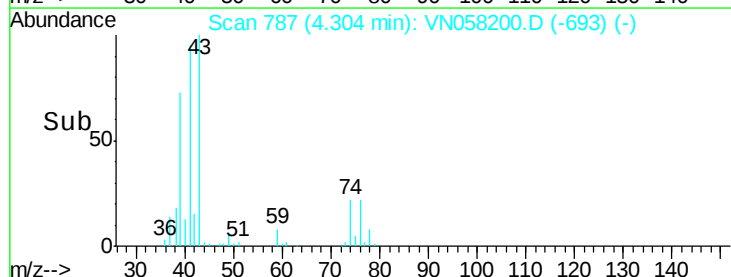
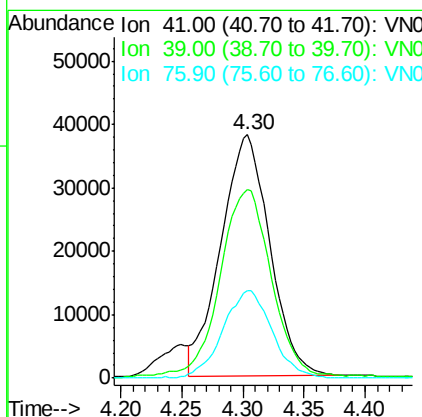
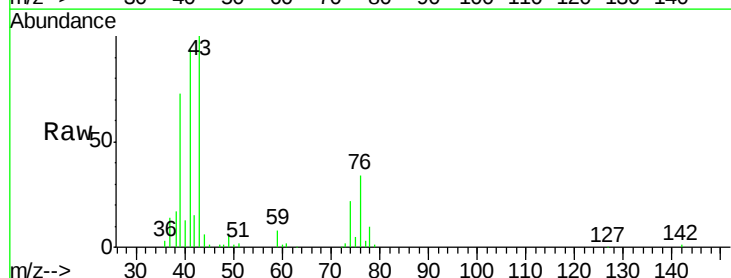
Tgt Ion: 41 Resp: 106038

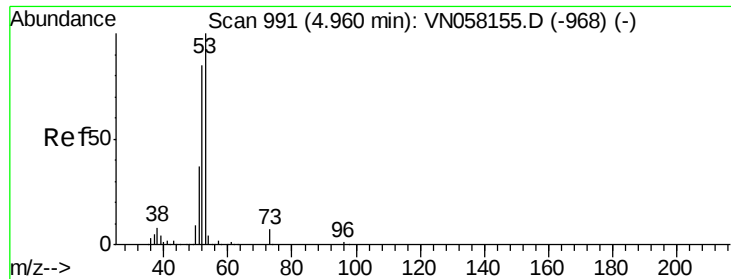
Ion Ratio Lower Upper

41 100

39 83.2 59.1 88.7

76 36.4 25.1 37.7





#15

Acrylonitrile

Concen: 102.828 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

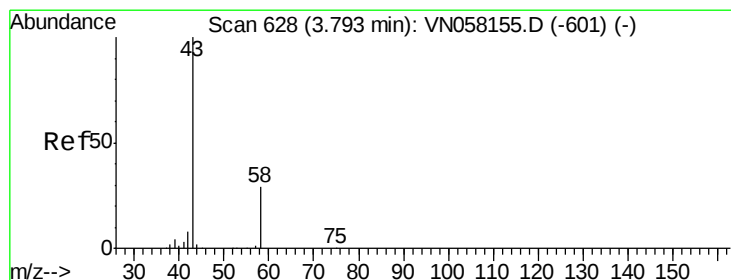
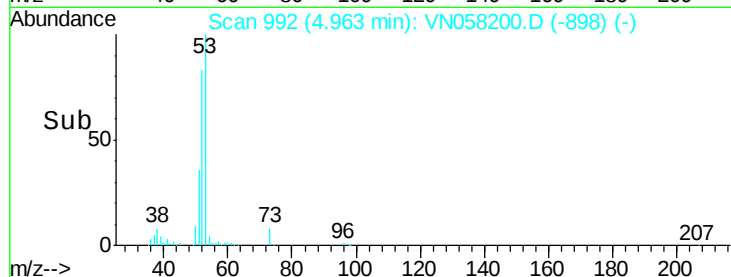
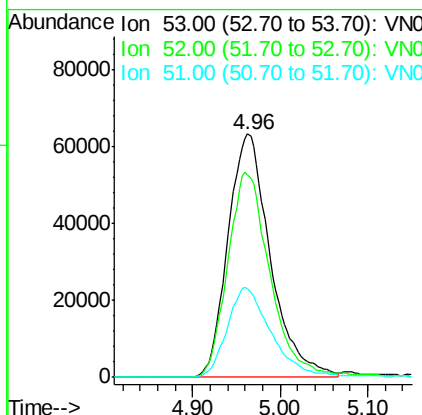
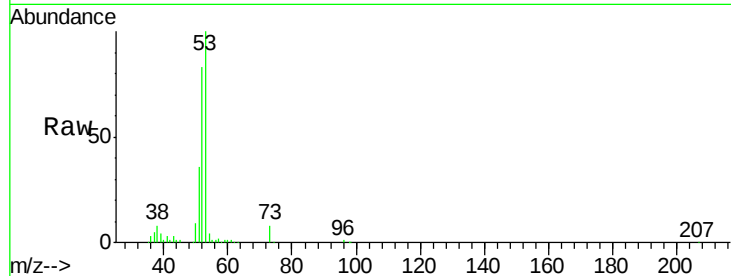
ClientSampleId :

VN0919WBS01

Tot Ion:	53	Resp:	212986
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.6	100.0
51	38.2	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 89.223 ug/l

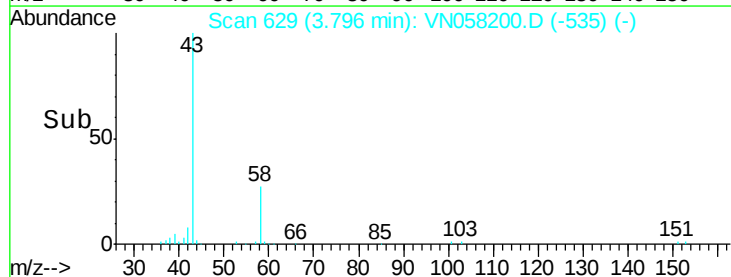
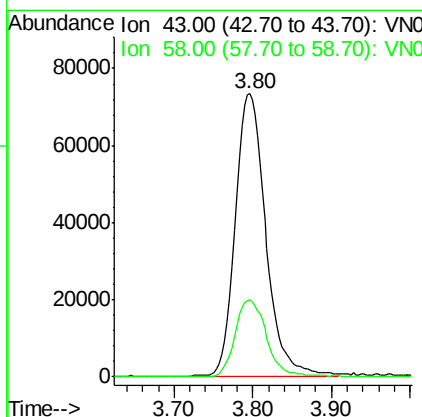
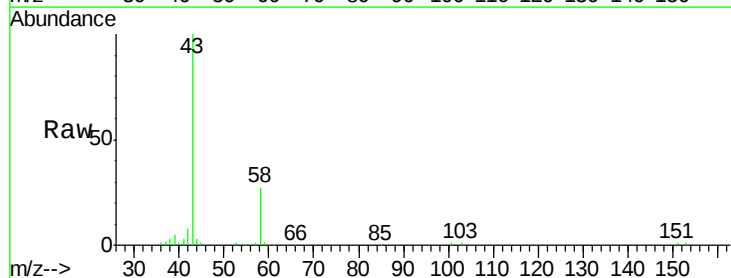
RT: 3.80 min Scan# 629

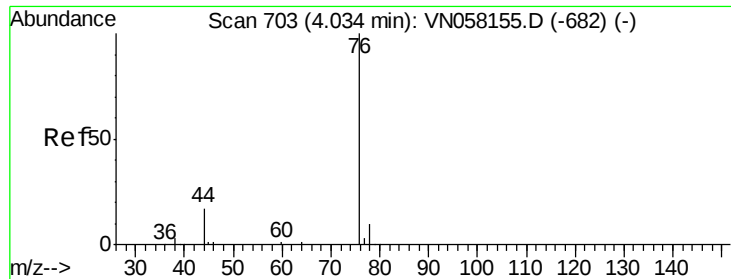
Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Tgt Ion:	43	Resp:	197936
Ion	Ratio	Lower	Upper
43	100		
58	27.3	23.4	35.2





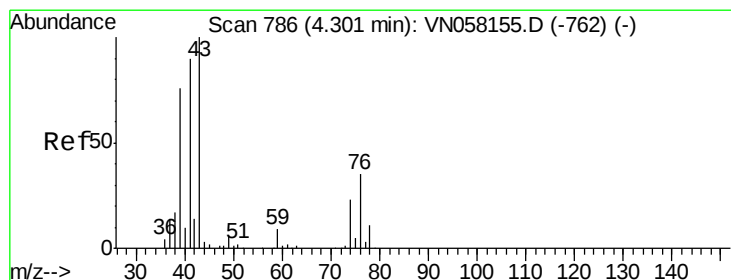
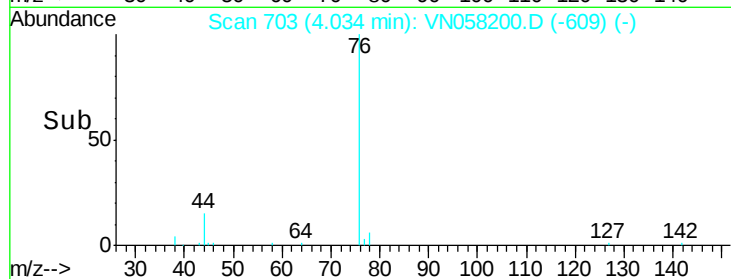
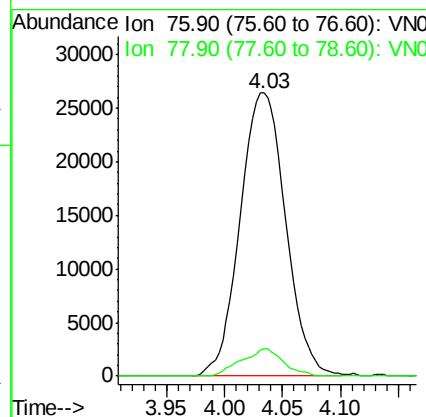
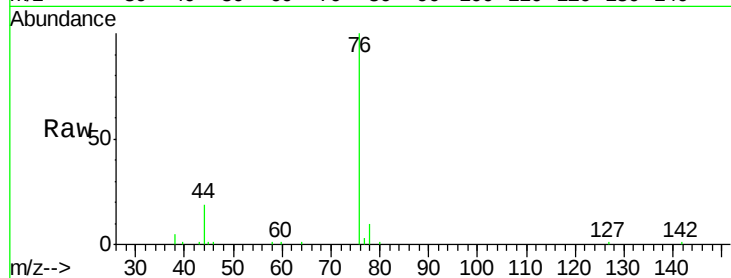
#17
Carbon Disulfide
Concen: 17.970 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion: 76 Resp: 72111
Ion Ratio Lower Upper
76 100
78 9.7 7.7 11.5

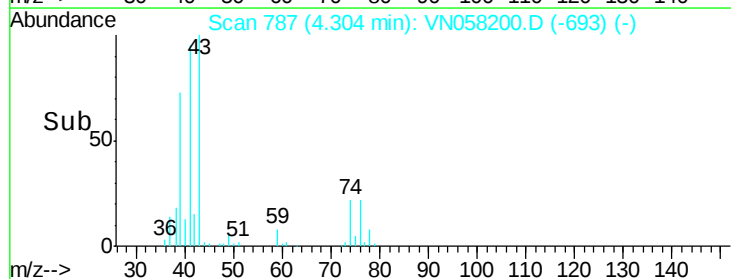
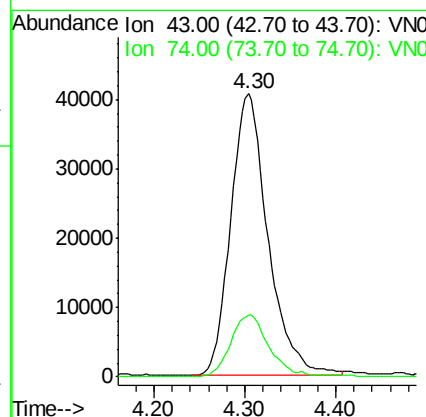
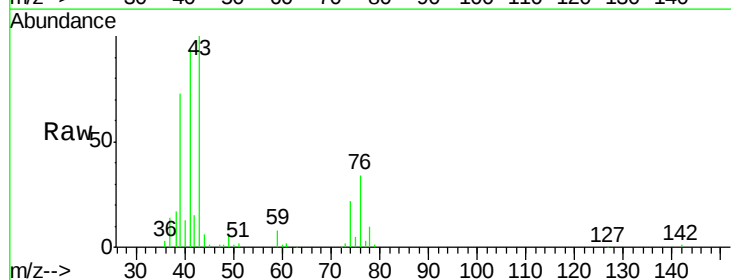
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#18
Methyl Acetate
Concen: 19.716 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion: 43 Resp: 115089
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0





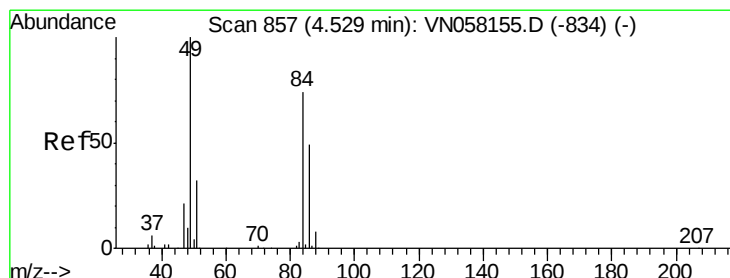
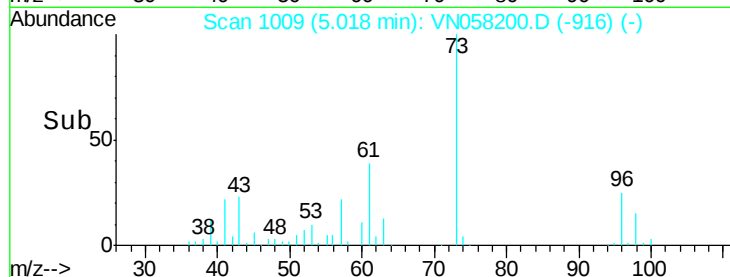
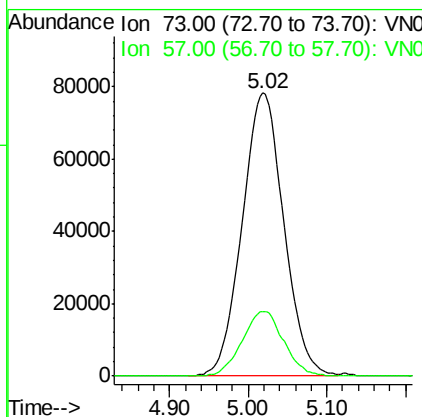
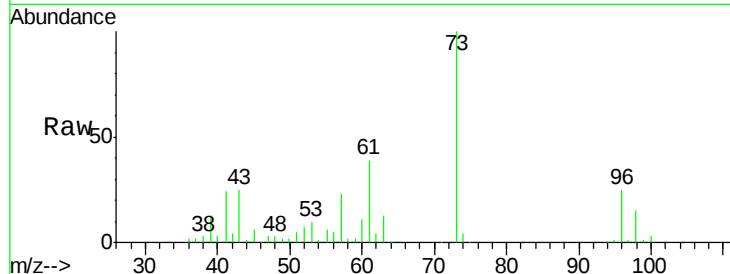
#19
Methvl tert-butvl Ether
Concen: 20.396 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion: 73 Resp: 291828
Ion Ratio Lower Upper
73 100
57 22.8 18.1 27.1

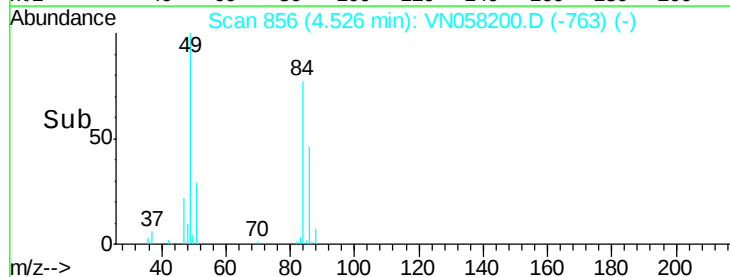
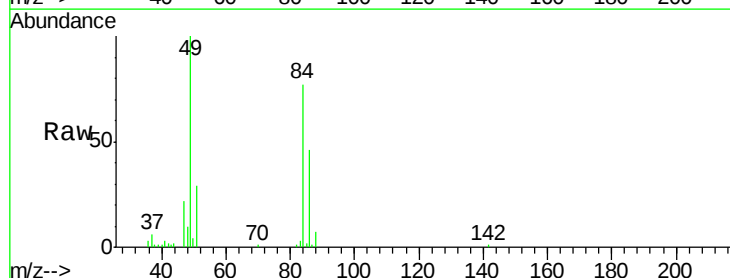
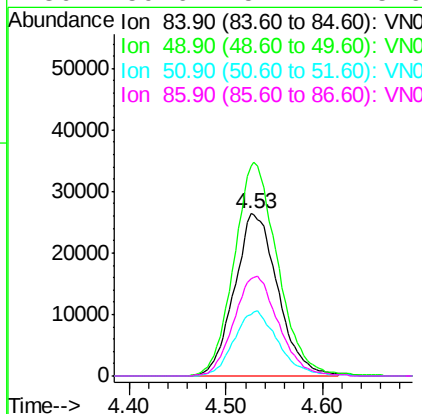
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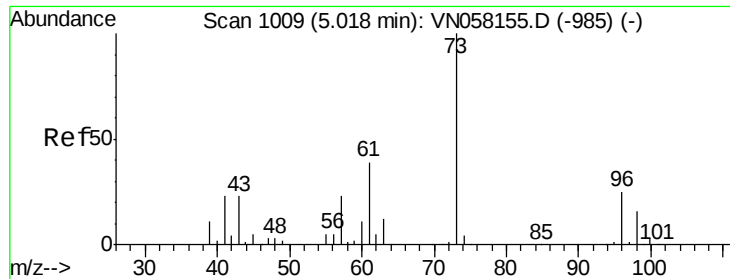
MMDadoda
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#20
Methylene Chloride
Concen: 21.065 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion: 84 Resp: 82317
Ion Ratio Lower Upper
84 100
49 129.7 107.5 161.3
51 37.8 33.9 50.9
86 59.6 52.4 78.6





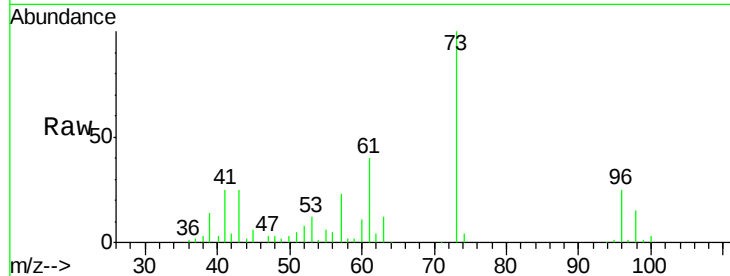
#21
trans-1,2-Dichloroethene
Concen: 20.341 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.2	122.2	183.4
98	60.5	49.9	74.9

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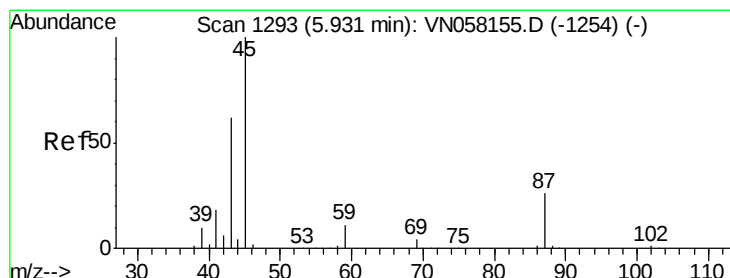
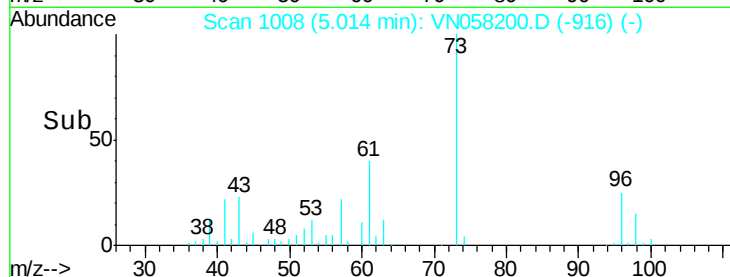
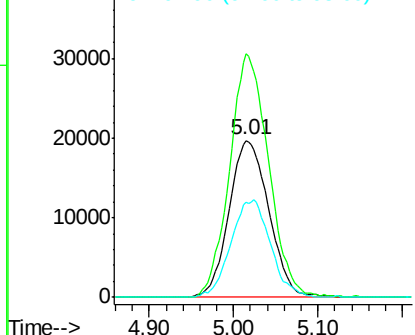


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22
Diisopropyl ether
Concen: 20.271 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.4	49.7	74.5
87	27.7	20.7	31.1
59	11.3	9.1	13.7

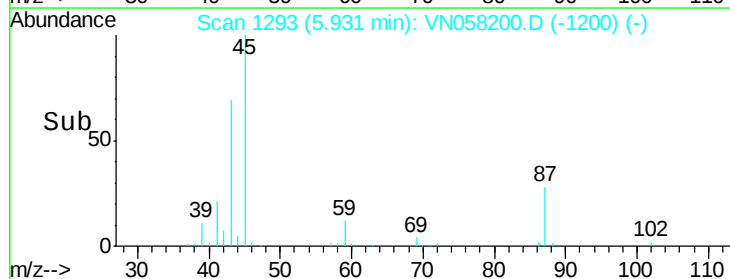
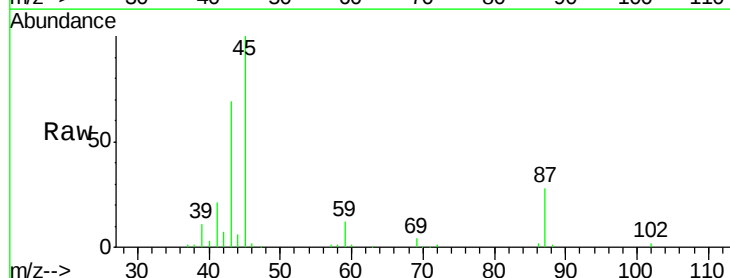
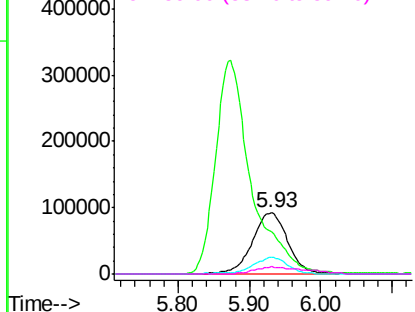
Abundance

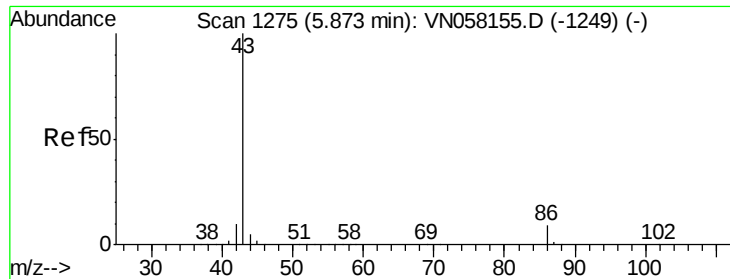
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





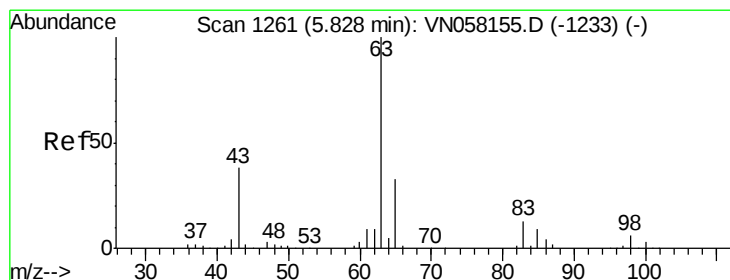
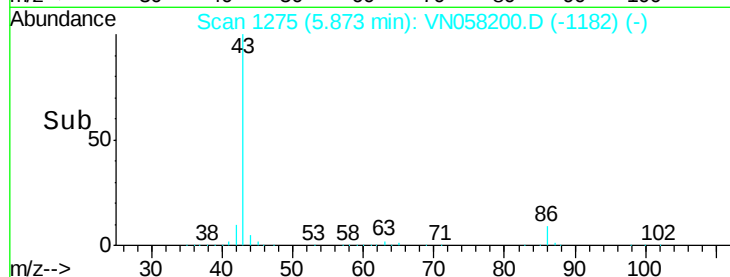
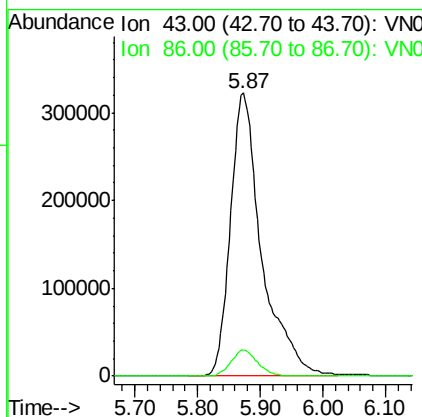
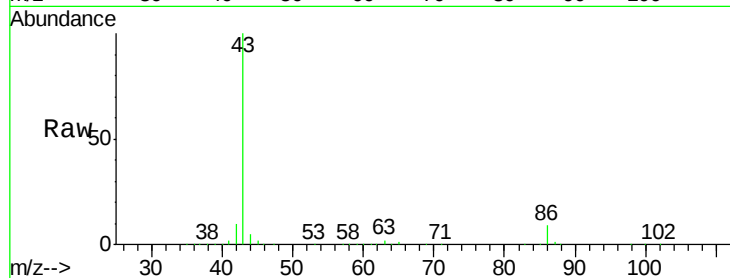
#23
 Vinyl Acetate
 Concen: 103.904 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion: 43 Resp: 1121054
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.2

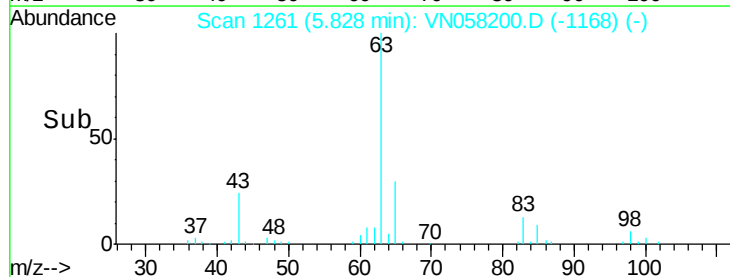
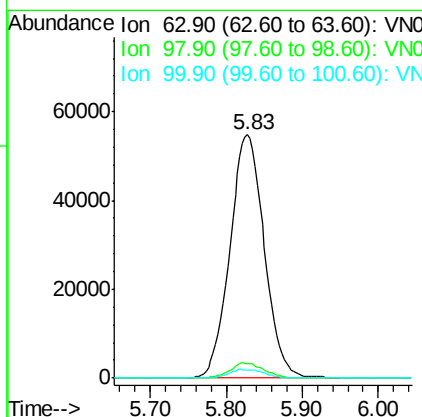
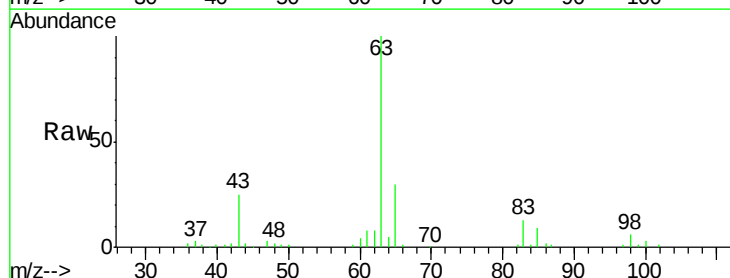
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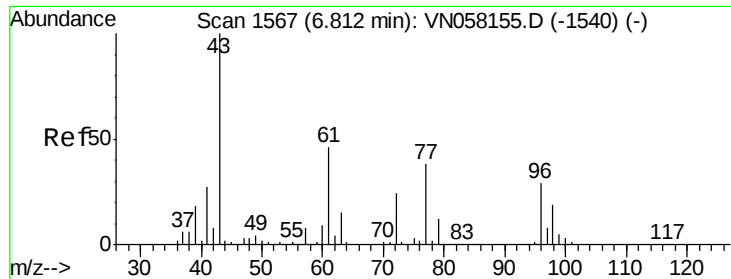
MMDadoda
 9/20/2019 3:37:18 PM



#24
 1,1-Dichloroethane
 Concen: 20.433 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion: 63 Resp: 171961
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.6
 100 3.3 1.8 5.3





#25

2-Butanone

Concen: 99.126 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion: 43 Resp: 299593

Ion Ratio Lower Upper

43 100

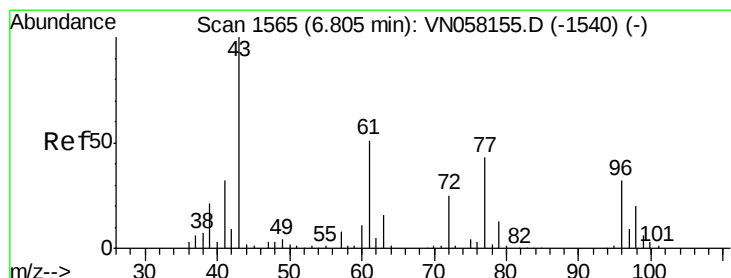
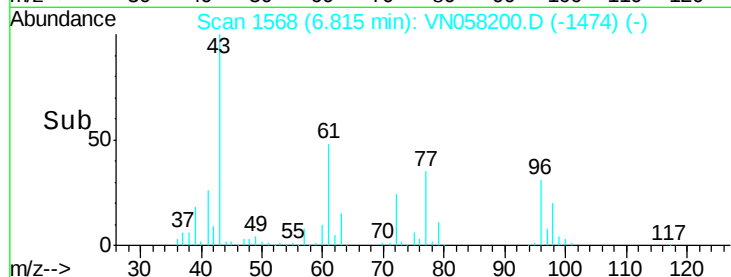
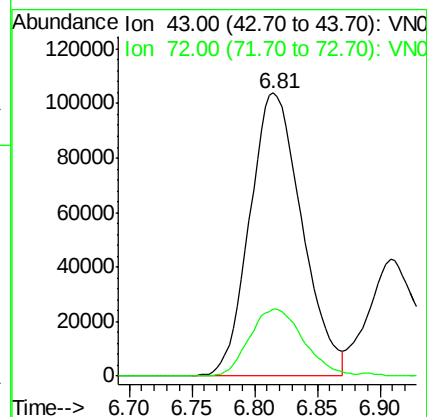
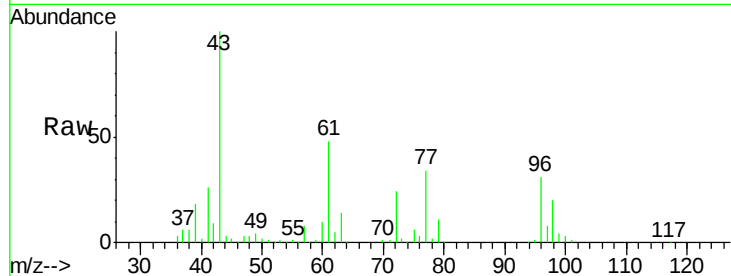
72 23.7 19.5 29.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.985 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN058200.D

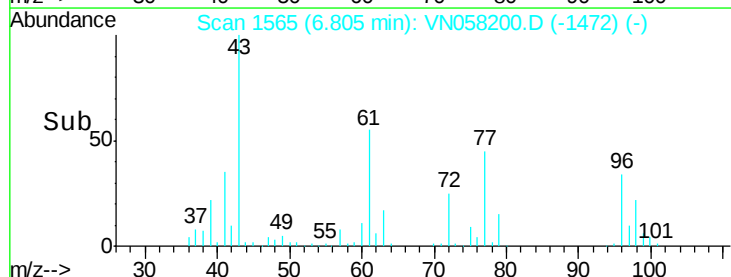
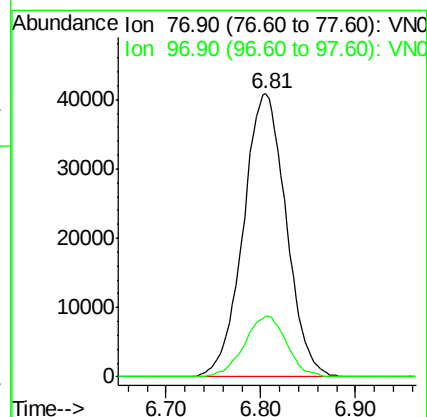
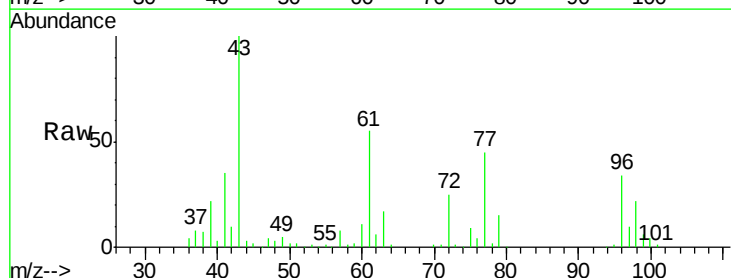
Acq: 19 Sep 2019 13:06

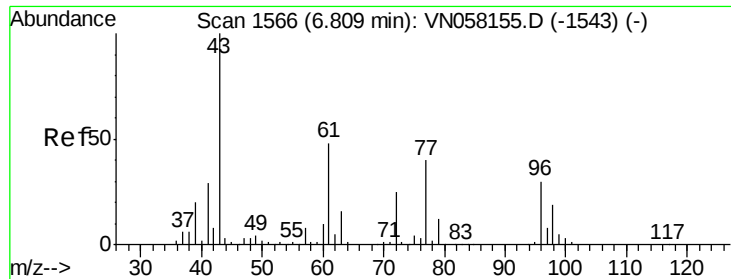
Tgt Ion: 77 Resp: 128408

Ion Ratio Lower Upper

77 100

97 21.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.894 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

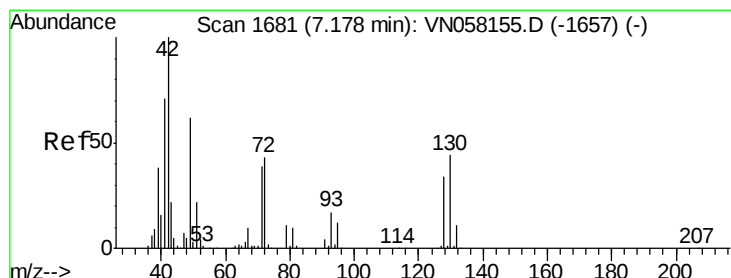
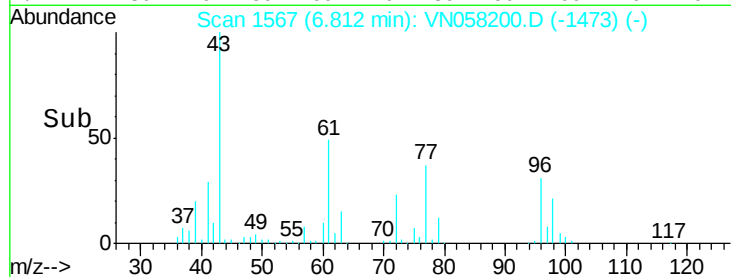
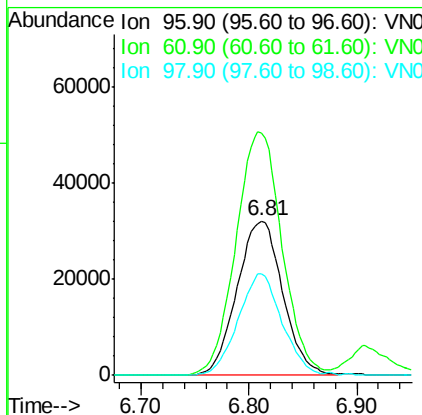
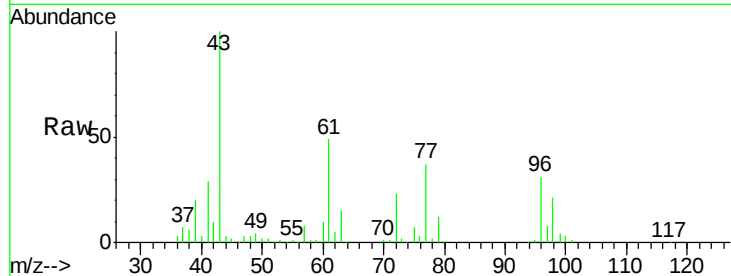
ClientSampleId :

VN0919WBS01

Tot Ion:	96	Resp:	94663
Ion	Ratio	Lower	Upper
96	100		
61	159.1	0.0	319.0
98	63.4	0.0	126.6

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#28

Bromochloromethane

Concen: 21.689 ug/l

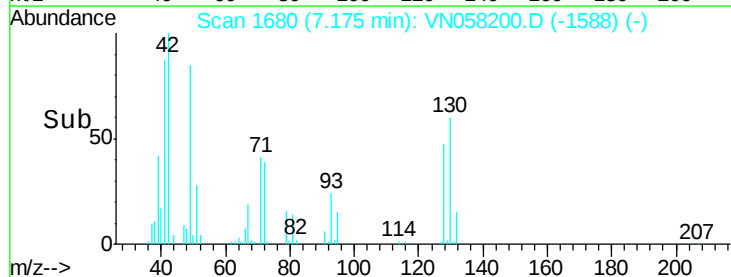
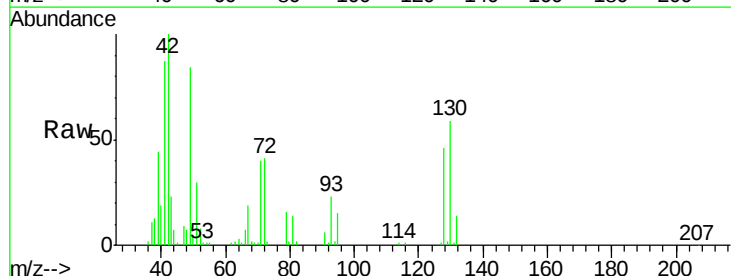
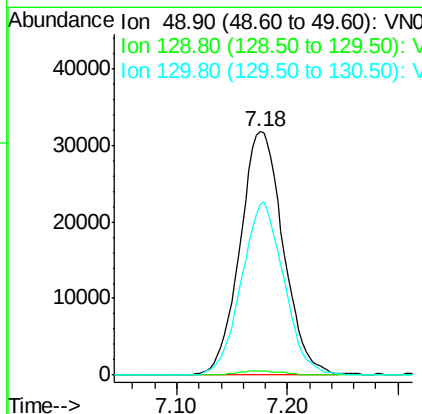
RT: 7.18 min Scan# 1680

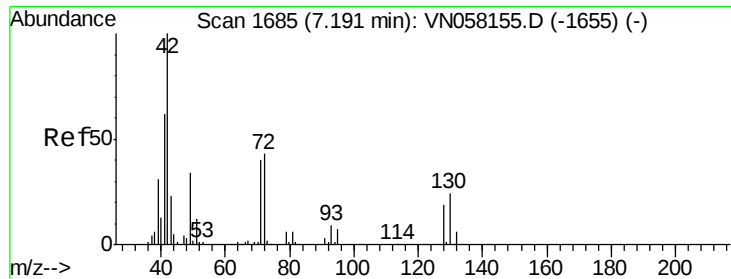
Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Tgt Ion:	49	Resp:	86345
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	1.8
130	69.6	55.4	83.2





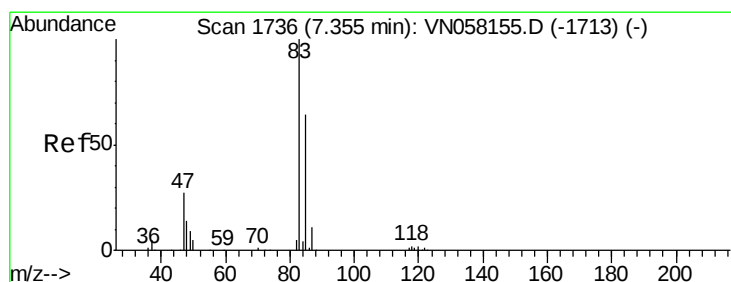
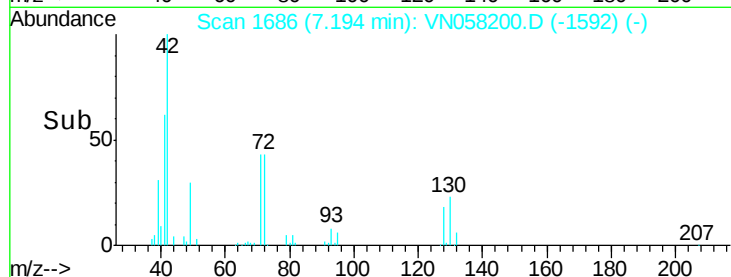
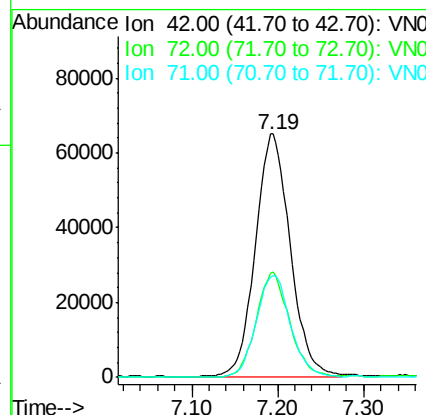
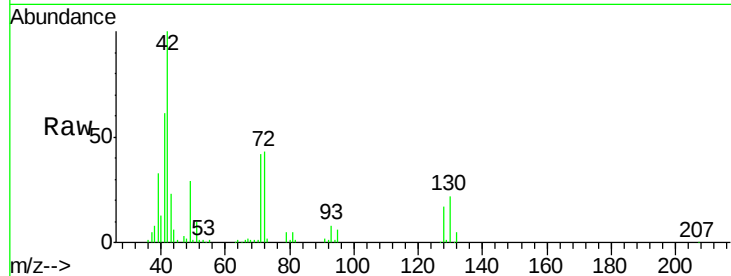
#29
Tetrahydrofuran
Concen: 99.291 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.8	50.6
71	41.0	31.4	47.0

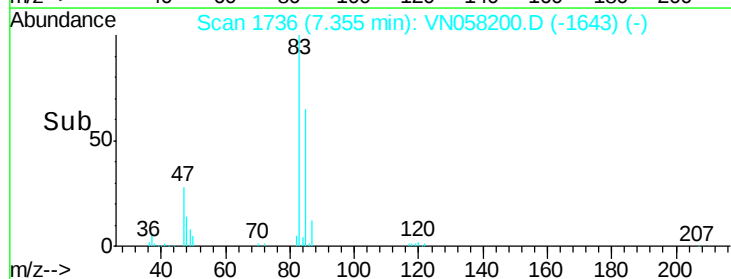
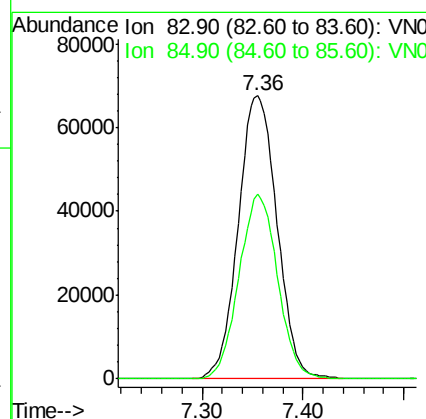
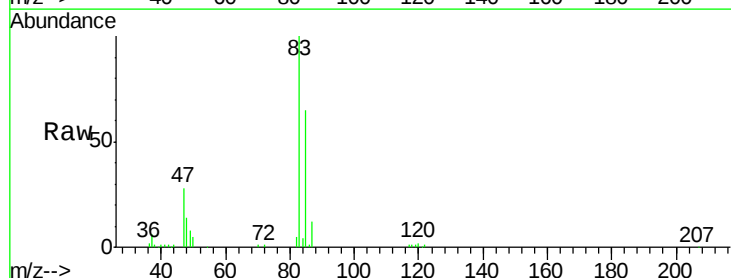
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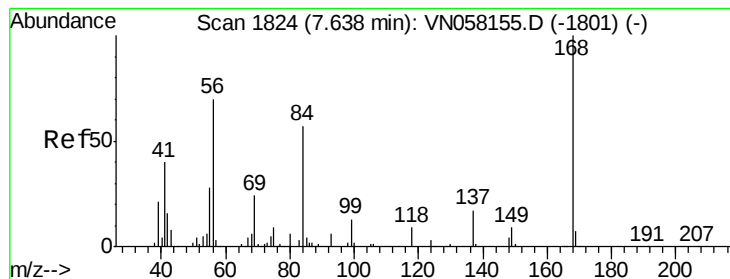
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#30
Chloroform
Concen: 19.888 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.4	77.2





#31

Cyclohexane

Concen: 19.332 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

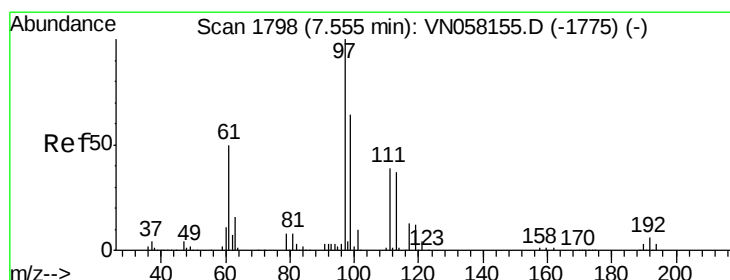
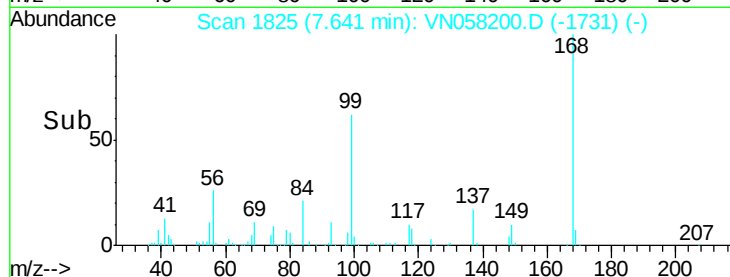
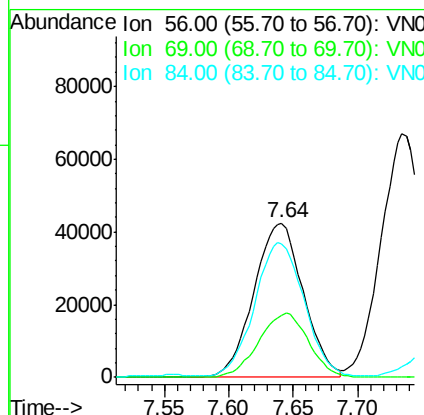
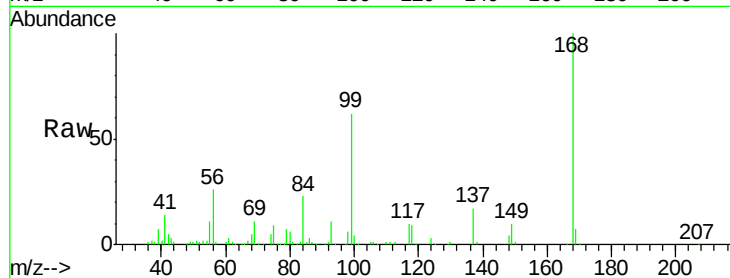
ClientSampleId :

VN0919WBS01

Tot Ion:	56	Resp:	113220
Ion Ratio	Lower	Upper	
56	100		
69	40.2	27.3	40.9
84	85.6	65.0	97.4

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#32

1,1,1-Trichloroethane

Concen: 19.975 ug/l

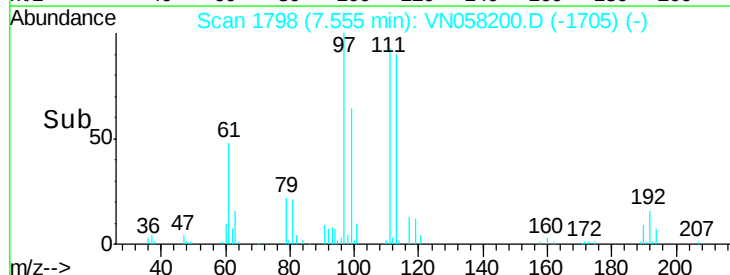
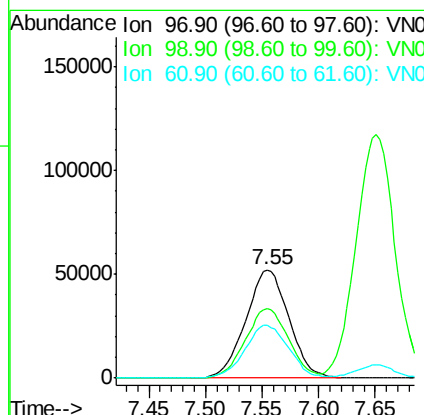
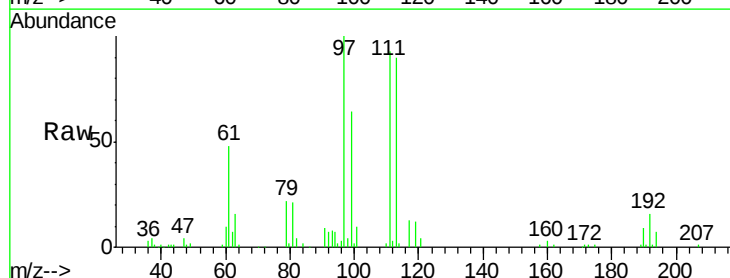
RT: 7.55 min Scan# 1798

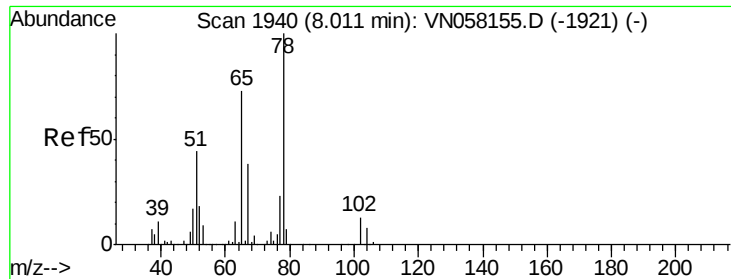
Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Tgt Ion:	97	Resp:	137749
Ion Ratio	Lower	Upper	
97	100		
99	64.3	50.9	76.3
61	49.7	39.2	58.8





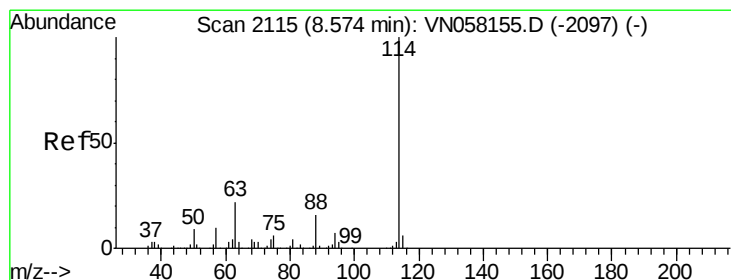
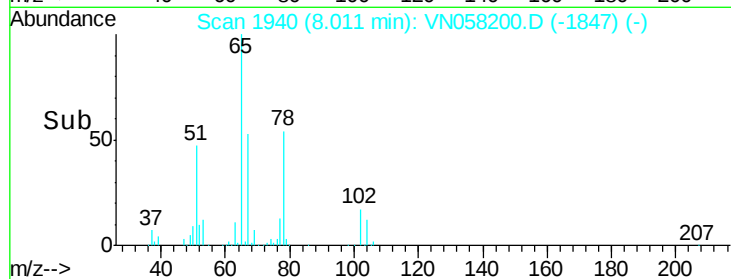
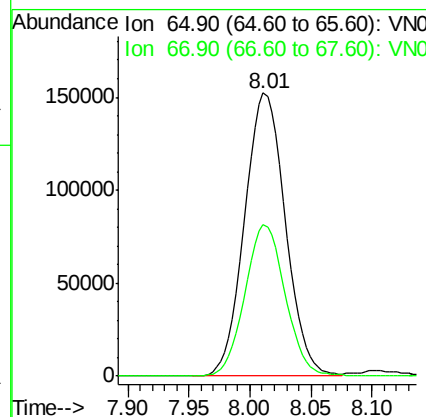
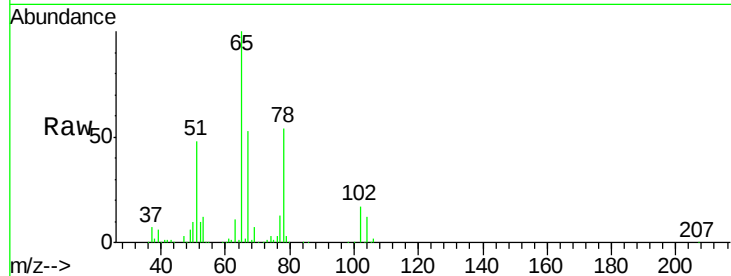
#33
 1,2-Dichloroethane-d4
 Concen: 53.979 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	352785		
67	52.7	0.0	103.4	

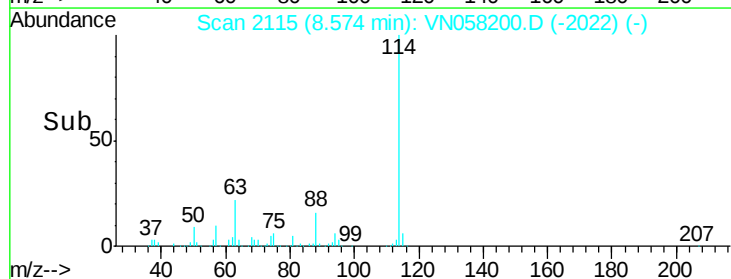
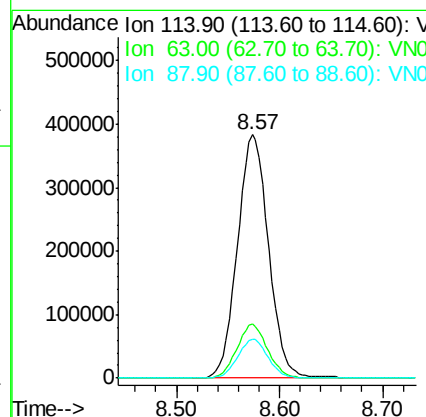
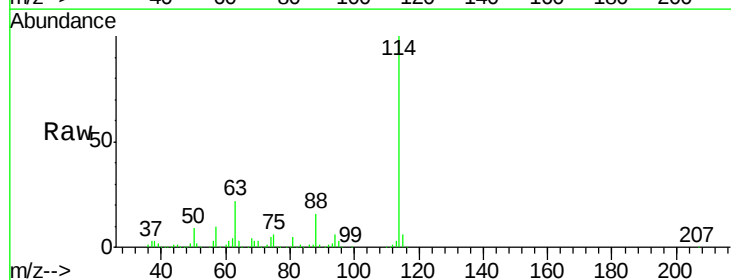
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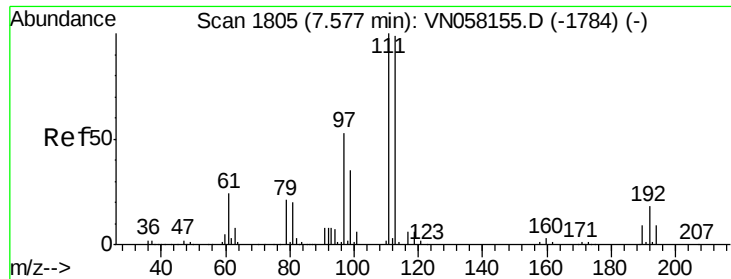
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	804415		
63	22.2	0.0	44.2	
88	15.9	0.0	31.6	





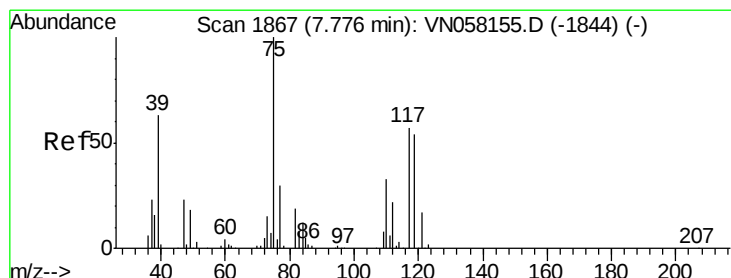
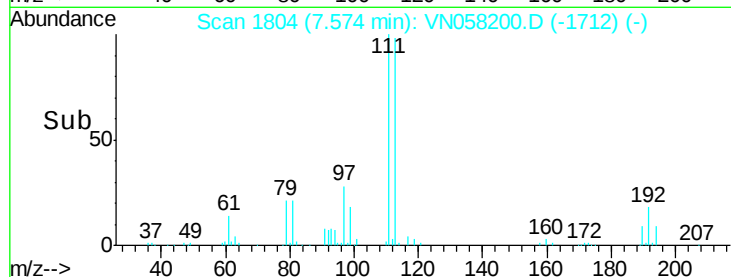
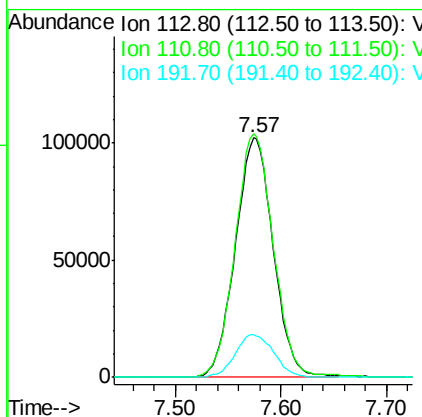
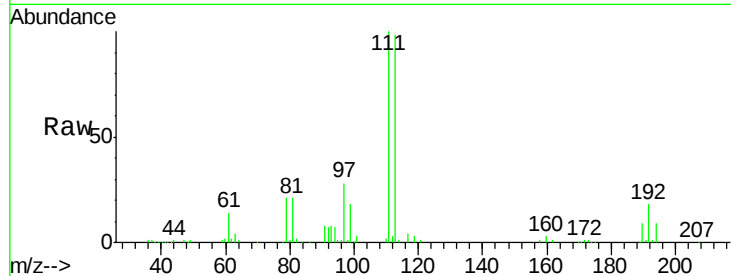
#35
 Dibromofluoromethane
 Concen: 52.106 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Instrument :
 MSVOA_N
 ClientSampled :
 VN0919WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	254808		
111	103.0		81.8	122.6
192	18.3		14.5	21.7

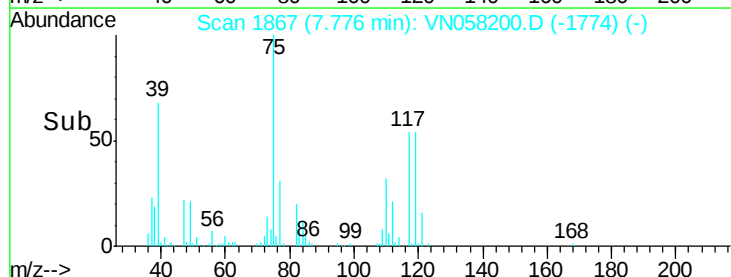
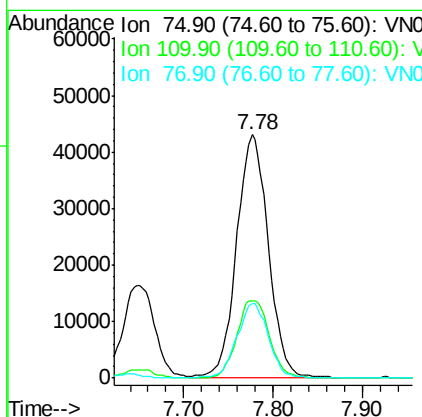
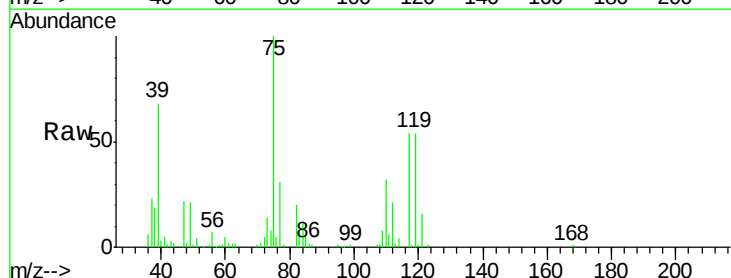
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#36
 1,1-Dichloropropene
 Concen: 18.416 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	106830		
110	32.5		16.6	49.7
77	30.3		24.3	36.5





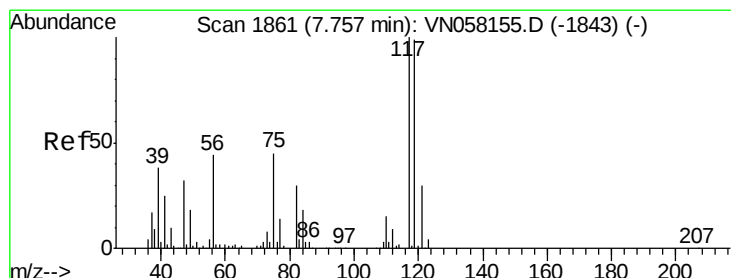
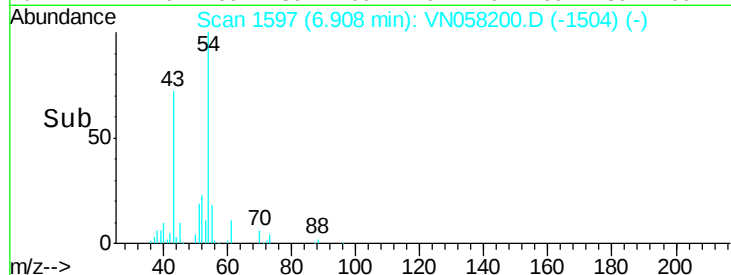
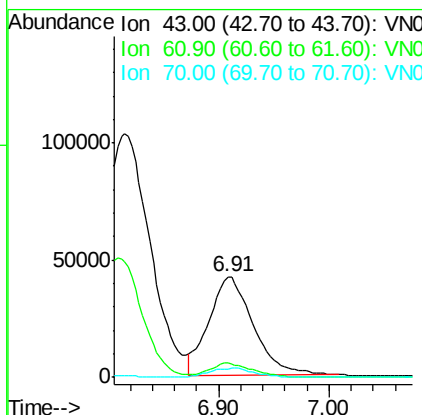
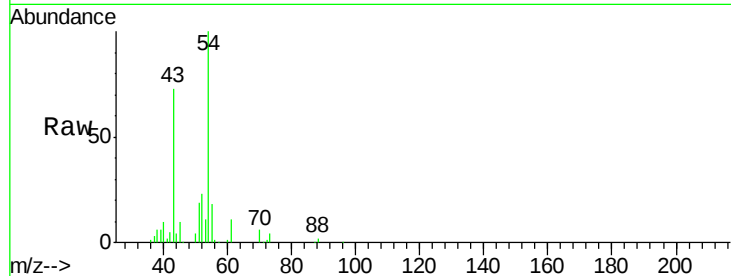
#37
Ethyl Acetate
Concen: 19.597 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampled :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.7	16.1
70	9.4	7.6	11.4

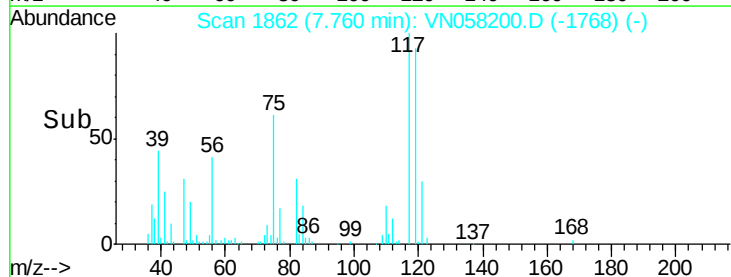
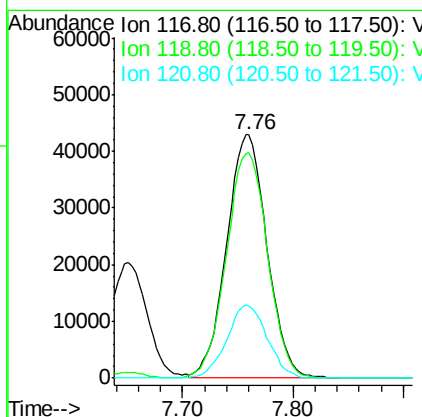
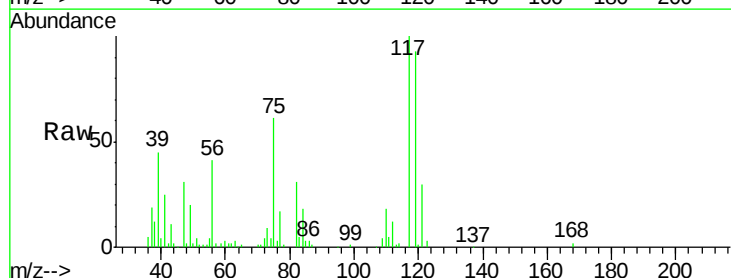
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#38
Carbon Tetrachloride
Concen: 18.711 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	78.6	117.8
121	29.8	24.1	36.1





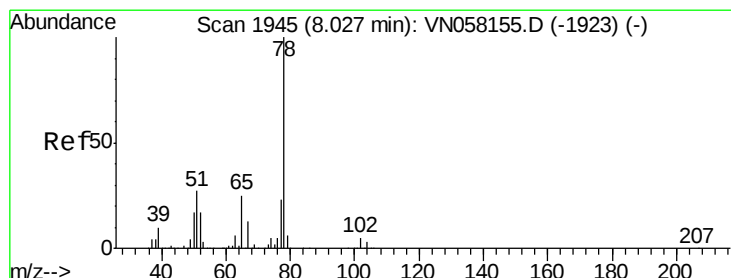
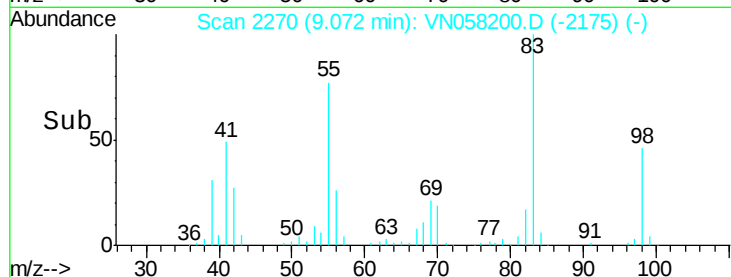
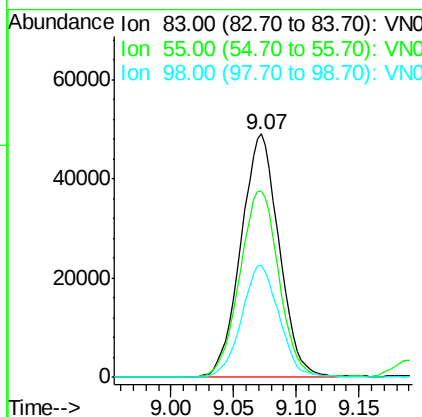
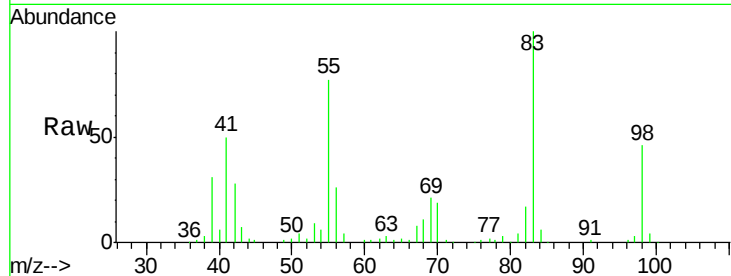
#39
Methvlcvclohexane
Concen: 18.611 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	83	Resp	104137
Ion	Ratio	Lower	Upper
83	100		
55	76.5	61.9	92.9
98	46.2	35.4	53.2

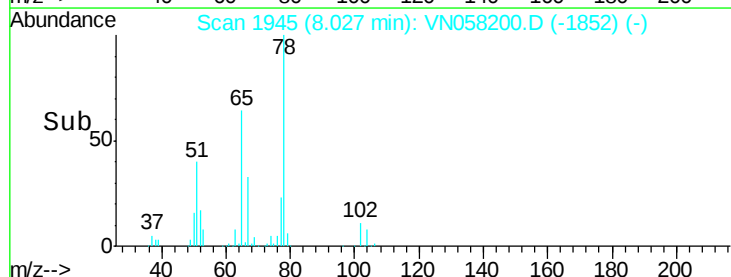
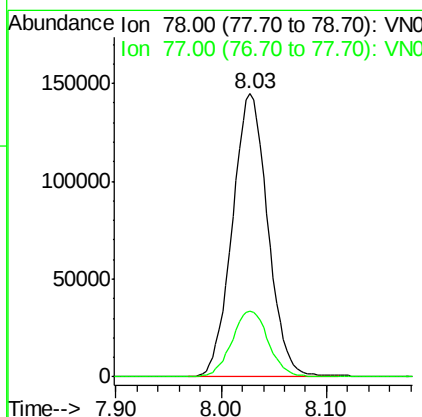
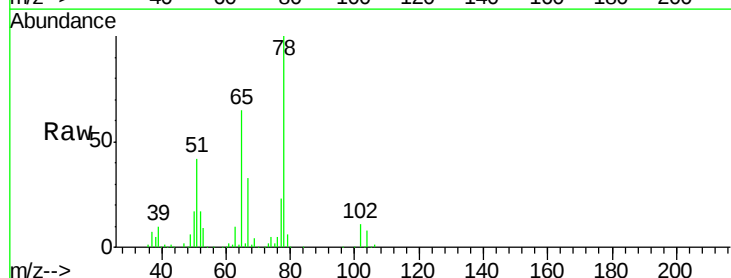
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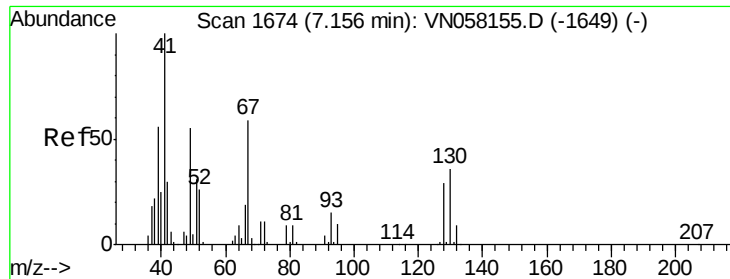
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#40
Benzene
Concen: 19.080 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion	78	Resp	338059
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2





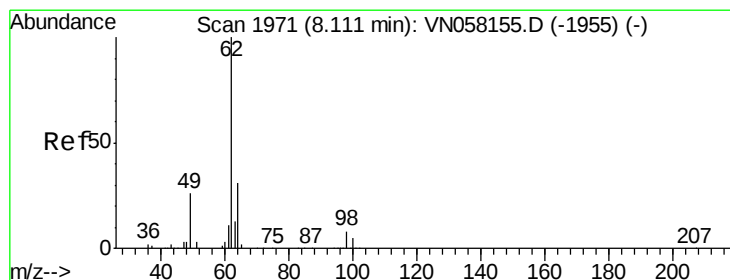
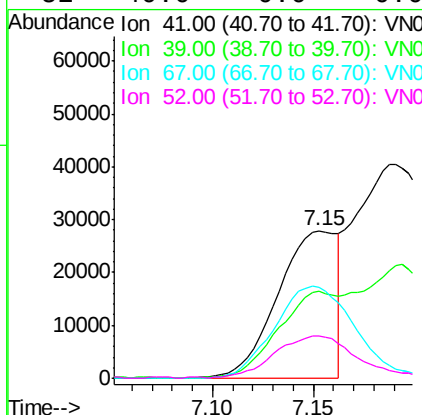
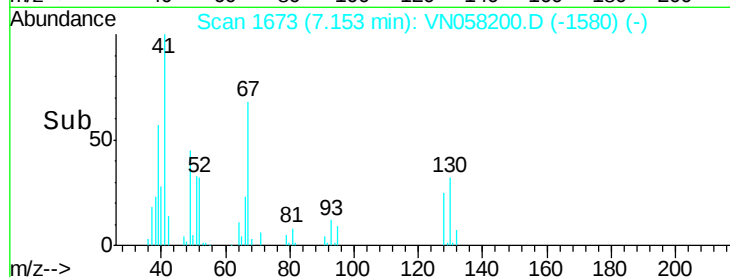
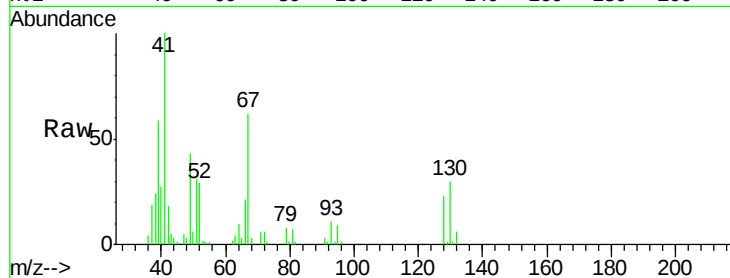
#41
Methacrylonitrile
Concen: 19.413 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	41	Resp	57155
Ion Ratio	Lower	Upper	
41	100		
39	57.6	0.0	0.0#
67	85.2	0.0	0.0#
52	40.0	0.0	0.0#

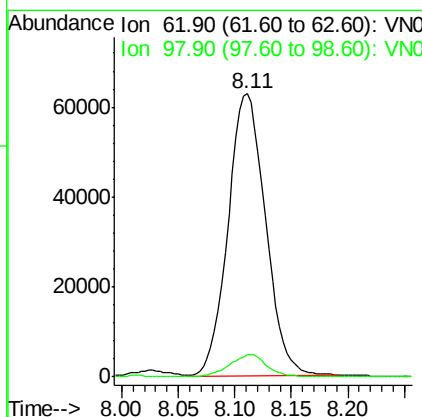
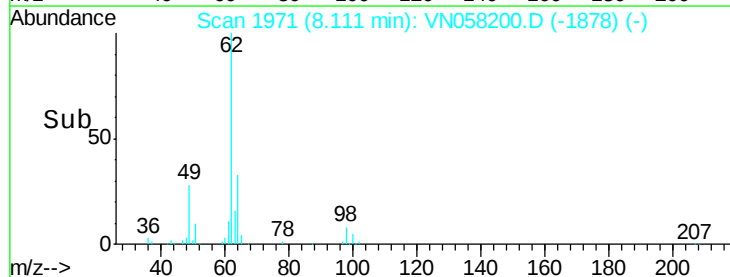
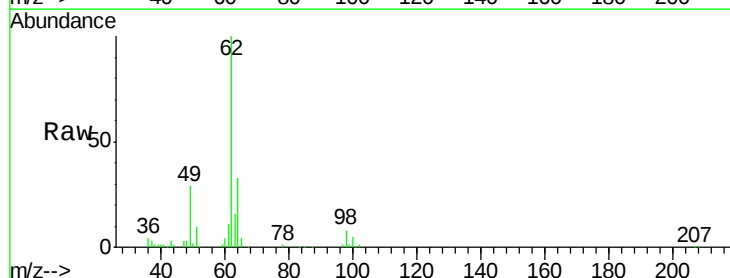
Manual Integrations
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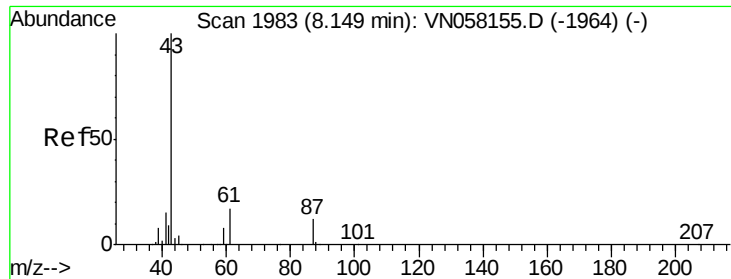
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#42
1,2-Dichloroethane
Concen: 19.493 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion	62	Resp	144924
Ion Ratio	Lower	Upper	
62	100		
98	7.8	0.0	15.6





#43

Isopropyl Acetate

Concen: 19.312 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

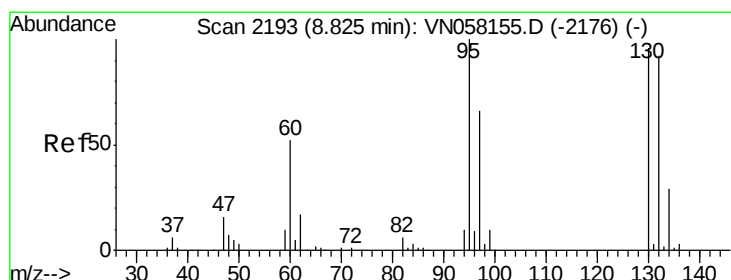
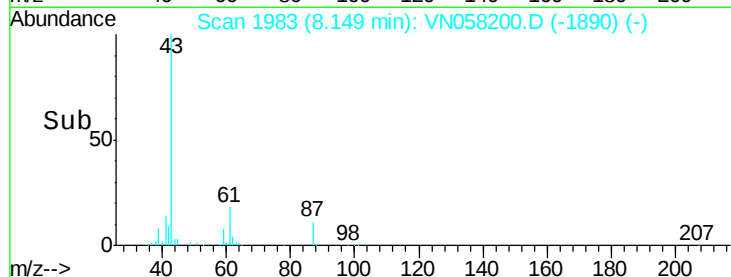
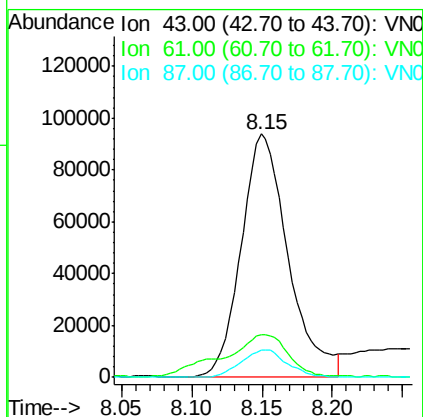
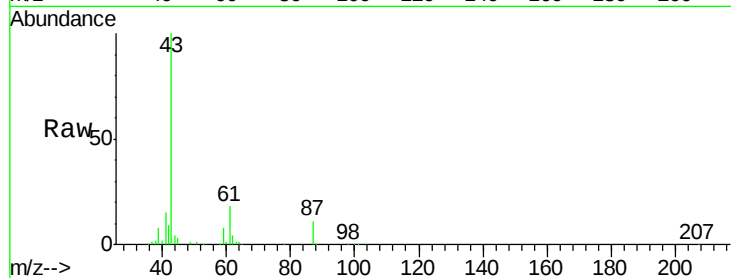
ClientSampleId :

VN0919WBS01

Tot Ion:	43	Resp:	217136
Ion	Ratio	Lower	Upper
43	100		
61	24.2	19.7	29.5
87	11.2	9.4	14.2

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#44

Trichloroethene

Concen: 19.290 ug/l

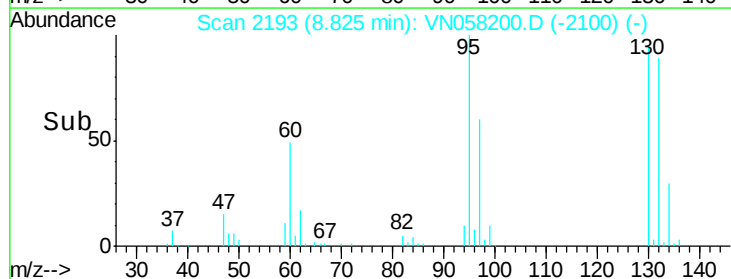
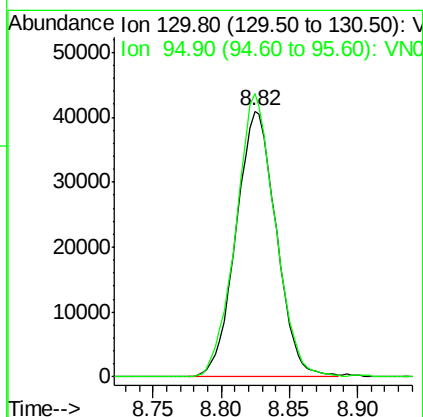
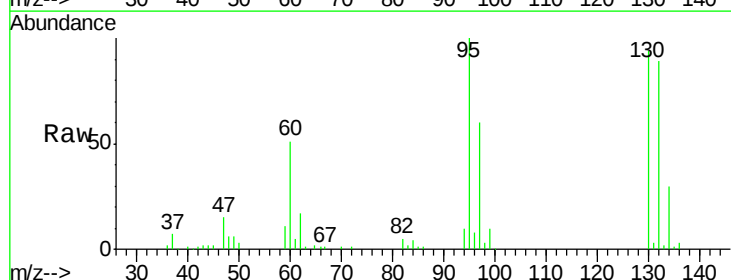
RT: 8.82 min Scan# 2193

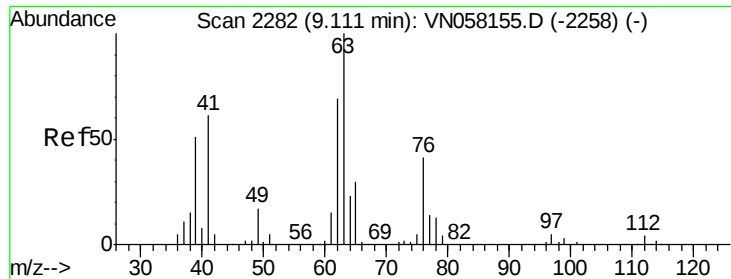
Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Tgt Ion:	130	Resp:	83640
Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	207.8





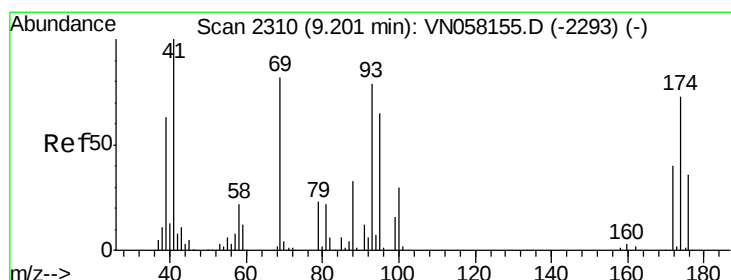
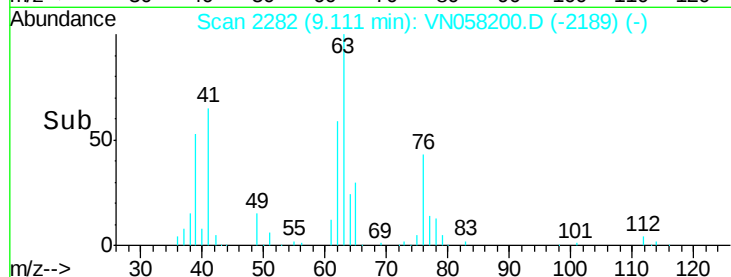
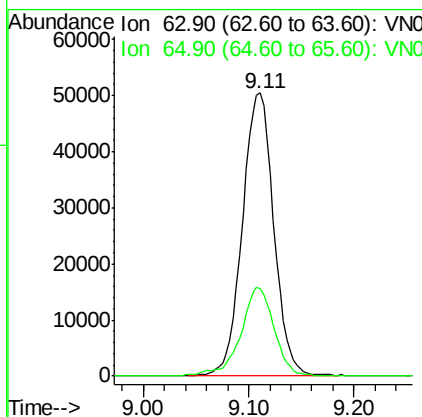
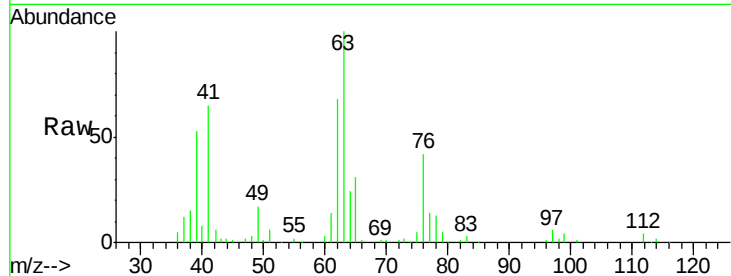
#45
 1,2-Dichloropropane
 Concen: 19.795 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion: 63 Resp: 104743
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.8 35.6

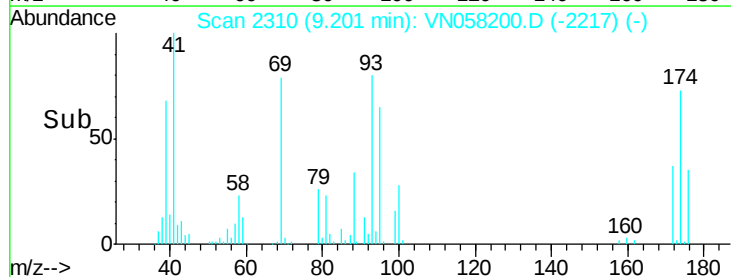
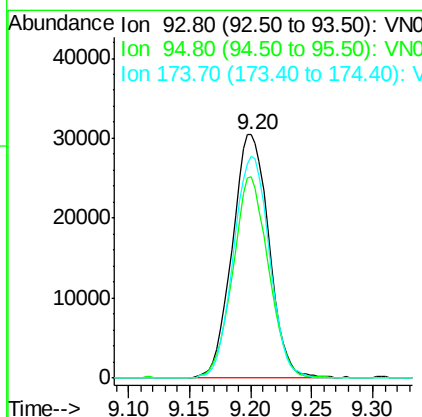
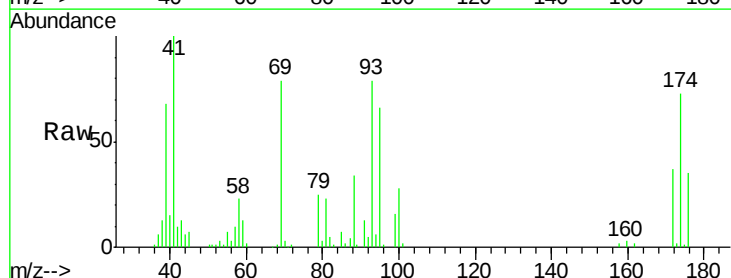
Manual Integrations
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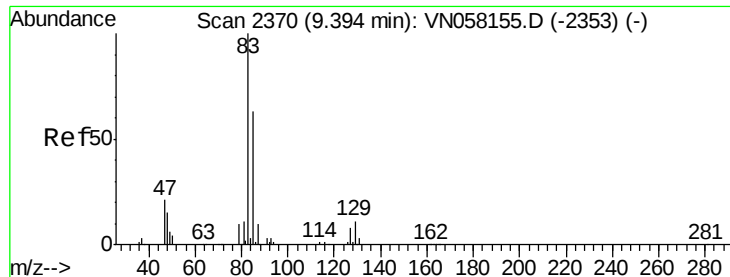
MMDadoda
 9/20/2019 3:37:18 PM



#46
 Dibromomethane
 Concen: 19.698 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion: 93 Resp: 63369
 Ion Ratio Lower Upper
 93 100
 95 80.7 66.8 100.2
 174 89.3 73.8 110.8





#47

Bromodichloromethane

Concen: 19.566 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

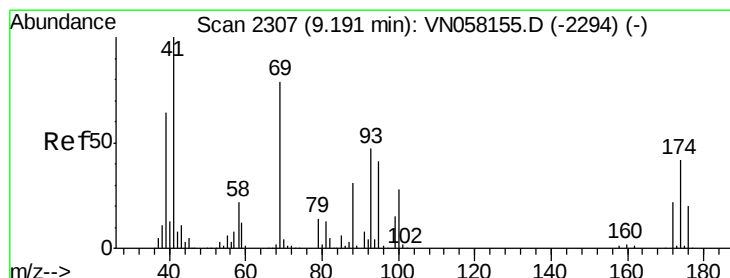
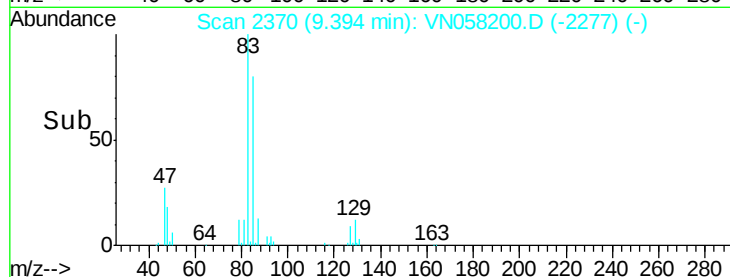
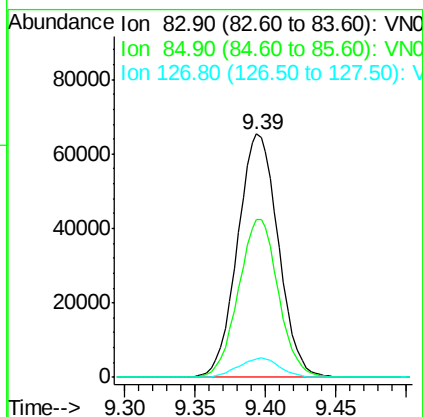
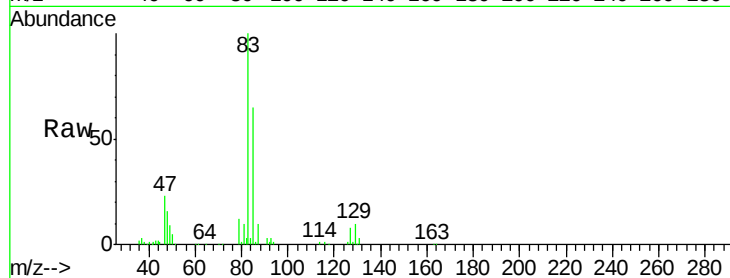
ClientSampleId :

VN0919WBS01

Tot Ion:	83	Resp:	131868
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.1	75.1
127	7.7	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.606 ug/l

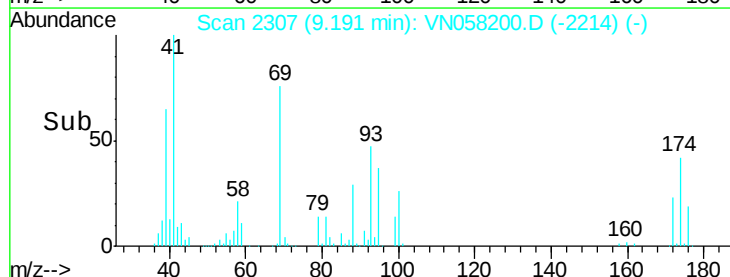
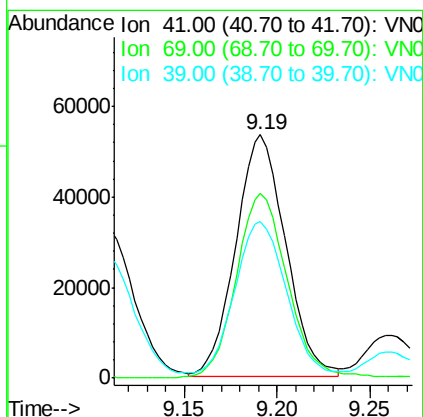
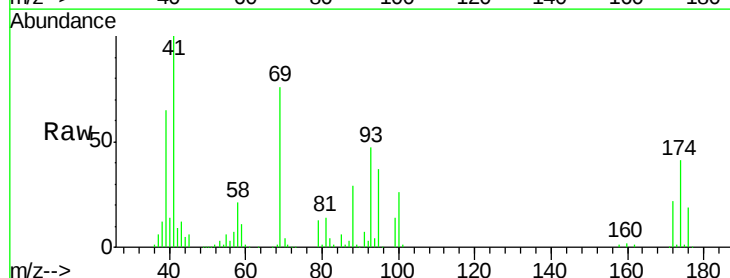
RT: 9.19 min Scan# 2307

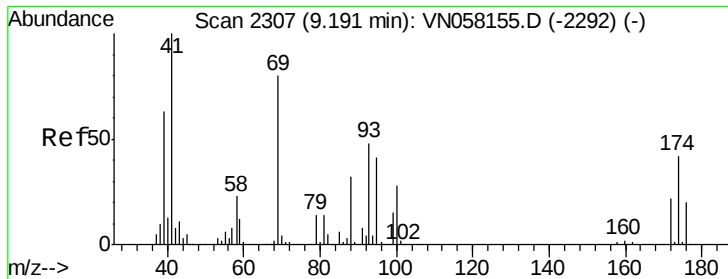
Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Tgt Ion:	41	Resp:	100086
Ion Ratio	Lower	Upper	
41	100		
69	78.5	62.5	93.7
39	67.7	52.3	78.5





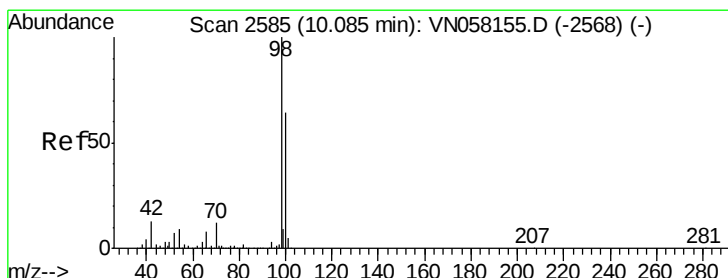
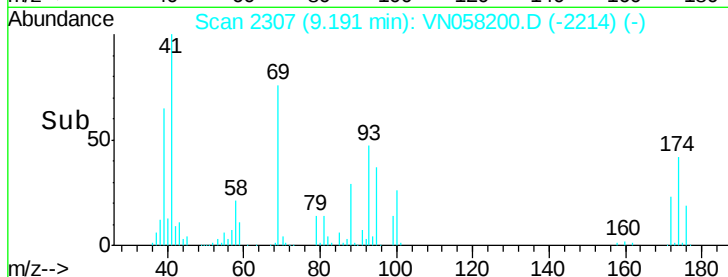
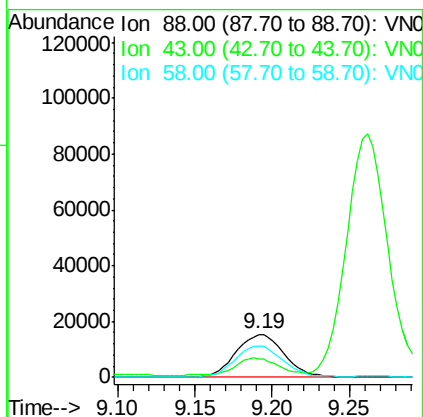
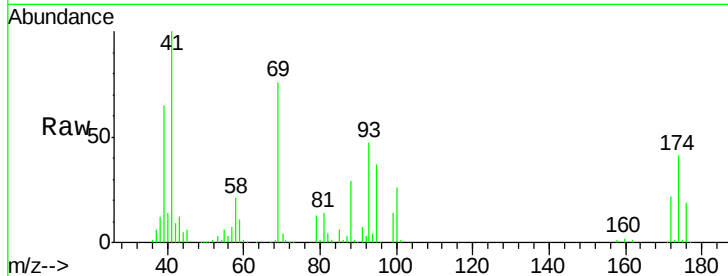
#49
1,4-Dioxane
Concen: 398.216 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	27.8	41.8
58	73.1	55.0	82.4

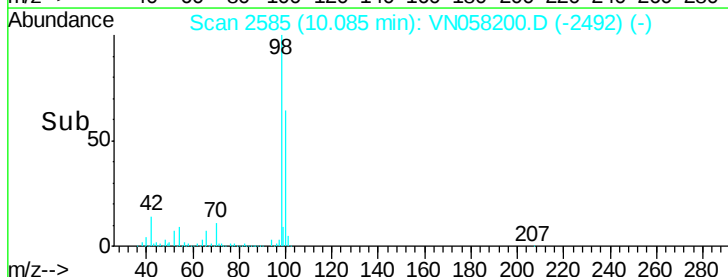
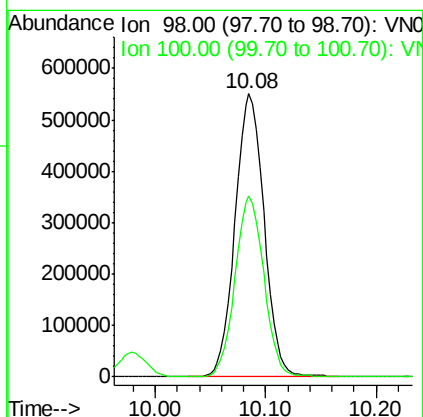
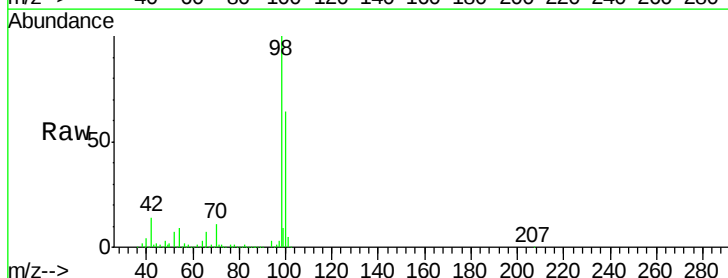
Manual Integrations
APPROVED

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#50
Toluene-d8
Concen: 52.787 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 110.039 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion: 43 Resp: 657152

Ion Ratio Lower Upper

43 100

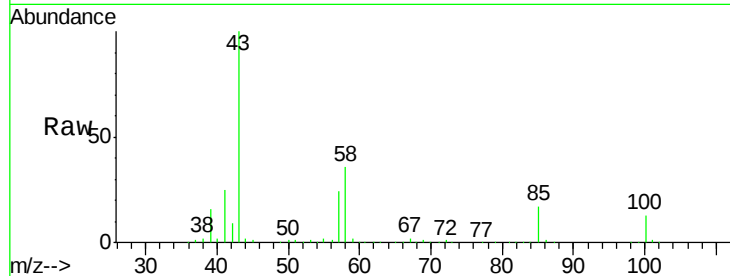
58 36.5 30.2 45.4

Manual Integrations

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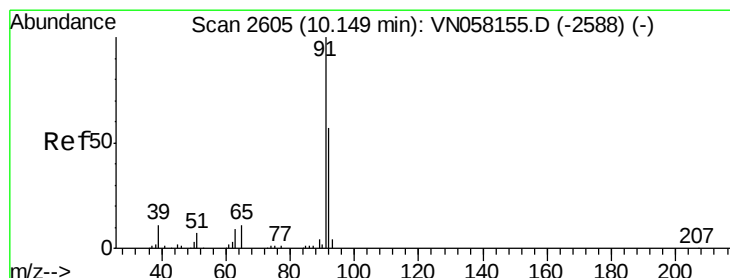
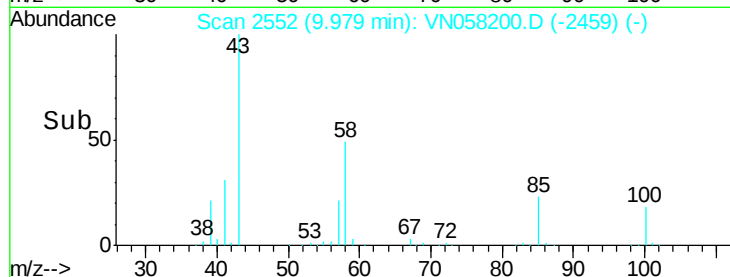
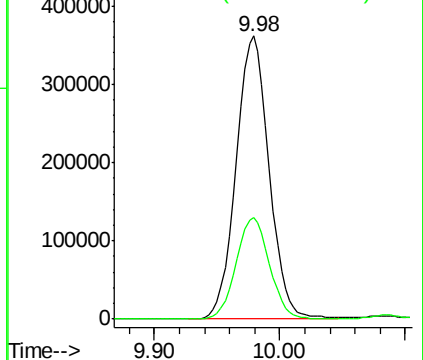
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.927 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058200.D

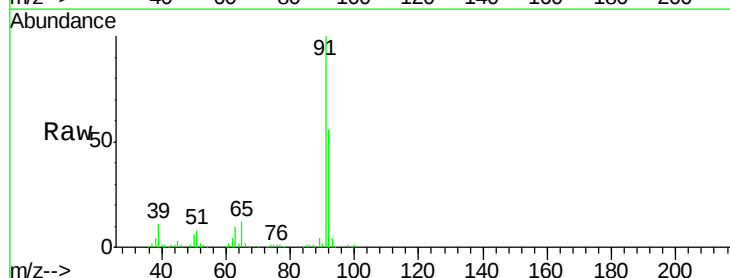
Acq: 19 Sep 2019 13:06

Tgt Ion: 92 Resp: 210169

Ion Ratio Lower Upper

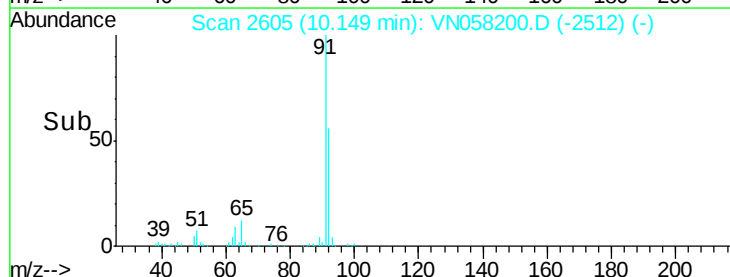
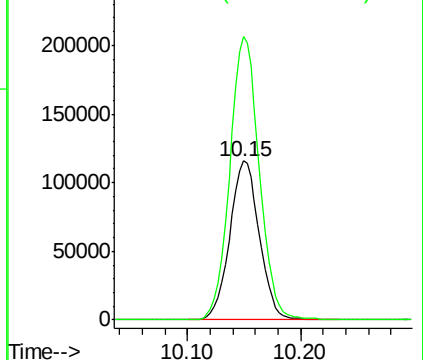
92 100

91 177.7 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.744 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion: 75 Resp: 129402

Ion Ratio Lower Upper

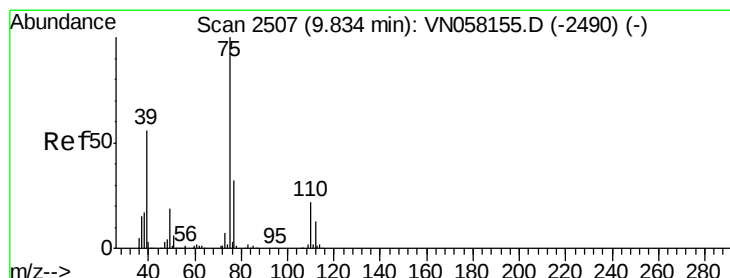
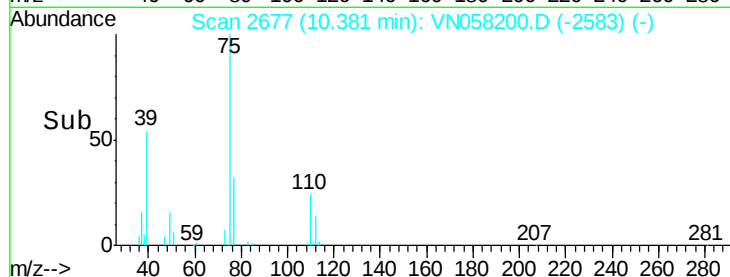
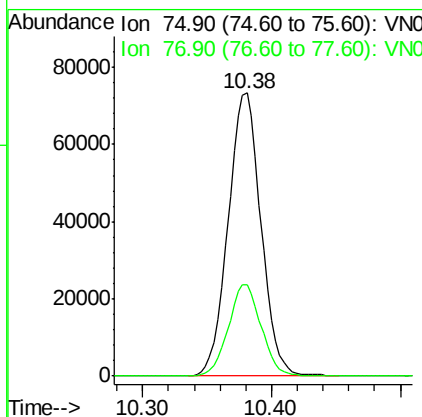
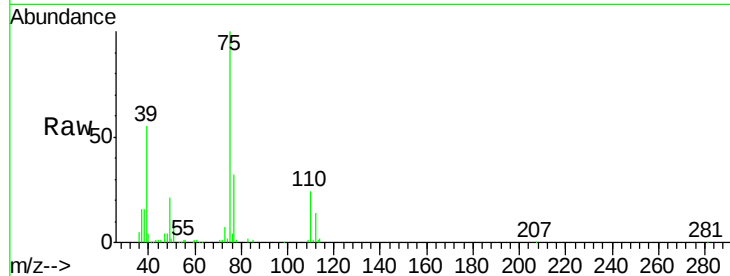
75 100

77 31.9 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 19.182 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

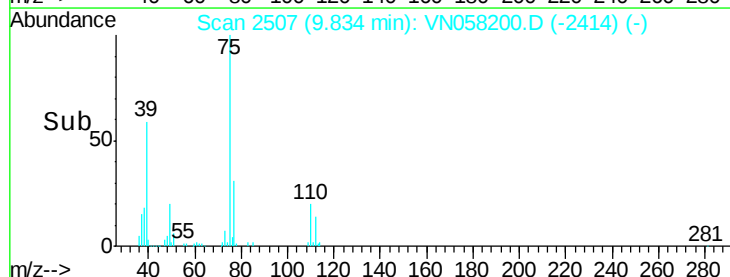
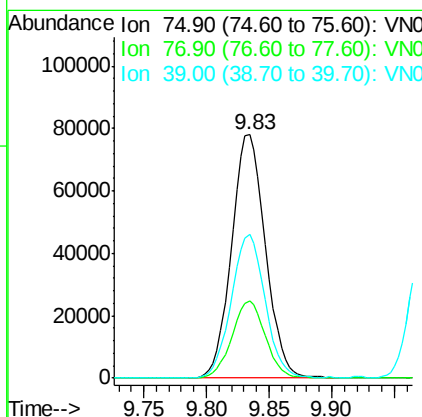
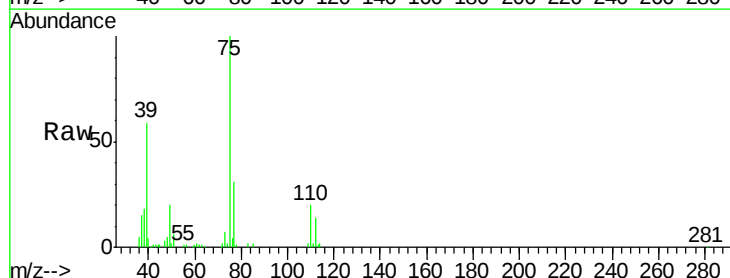
Tgt Ion: 75 Resp: 146210

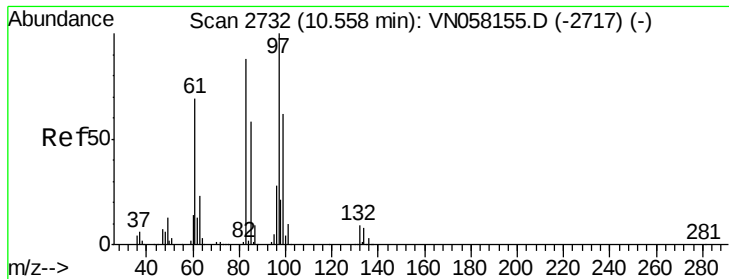
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 58.7 45.0 67.6





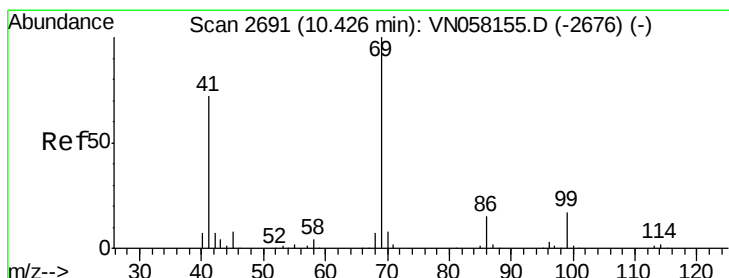
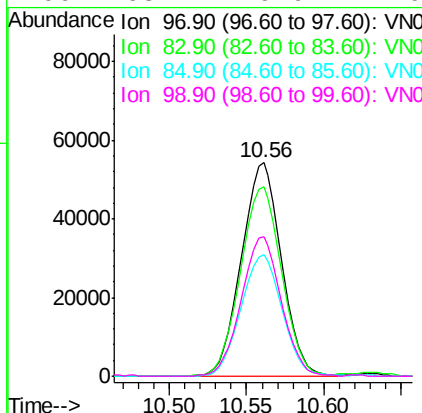
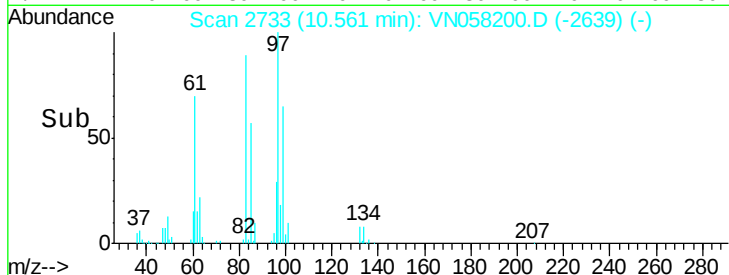
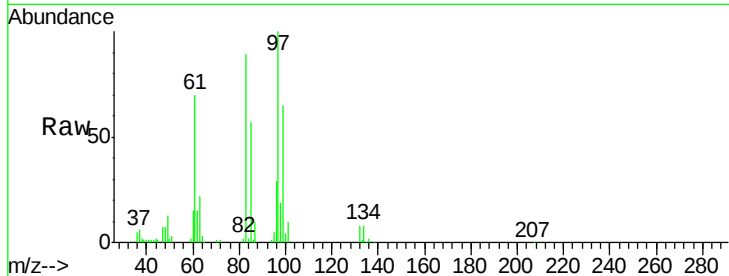
#55
 1,1,2-Trichloroethane
 Concen: 19.858 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	97	100	97854		
83	83	88.5		70.4	105.6
85	85	57.0		46.8	70.2
99	99	65.4		49.9	74.9

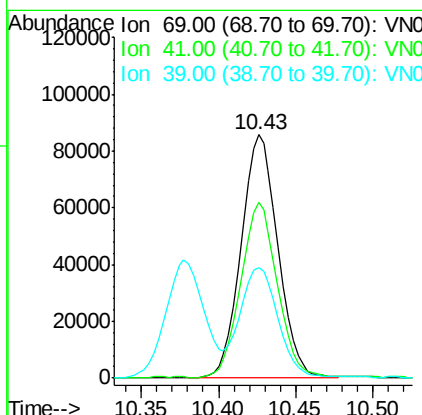
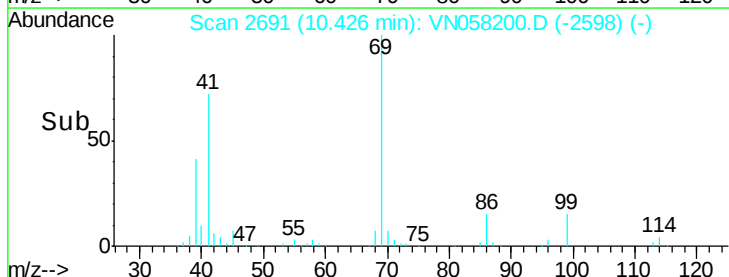
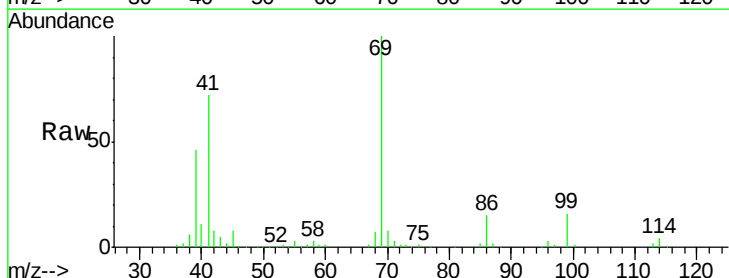
Manual Integrations
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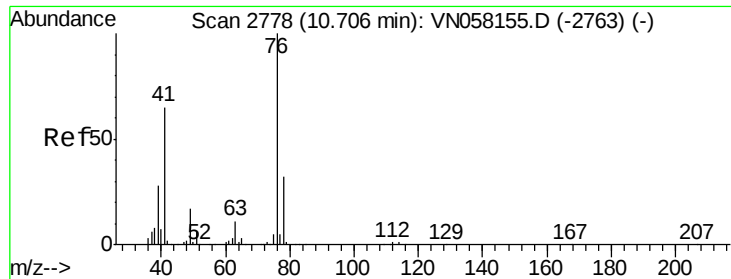
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#56
 Ethyl methacrylate
 Concen: 19.953 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	69	100	141867		
41	41	71.0		57.5	86.3
39	39	46.7		36.1	54.1





#57

1,3-Dichloropropane

Concen: 19.707 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion: 76 Resp: 166945

Ion Ratio Lower Upper

76 100

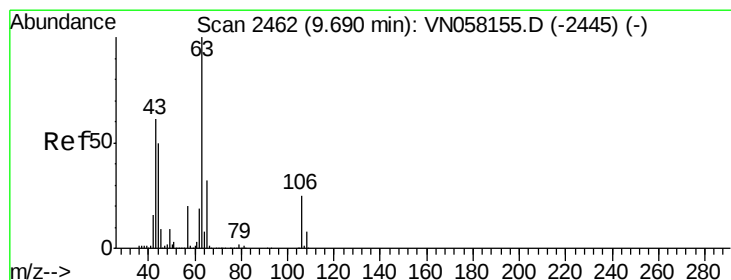
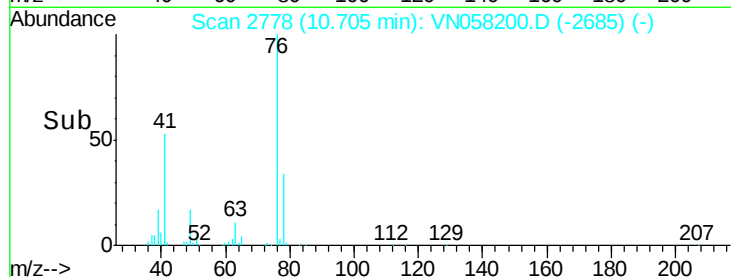
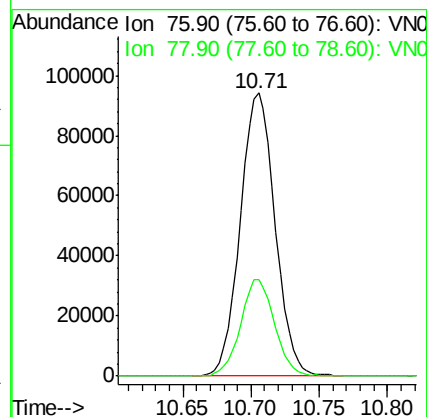
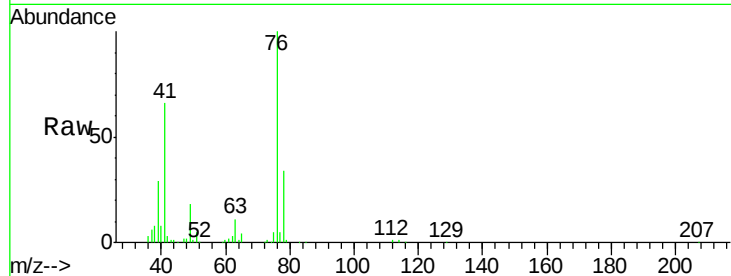
78 33.3 25.4 38.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 102.933 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VN058200.D

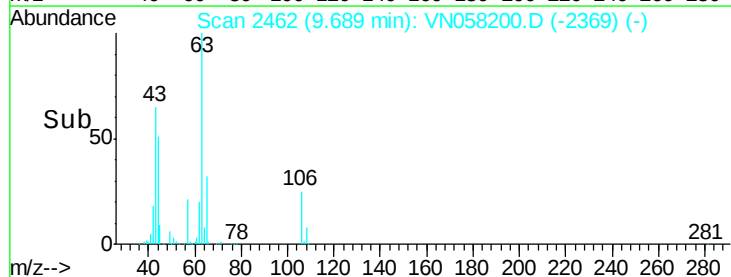
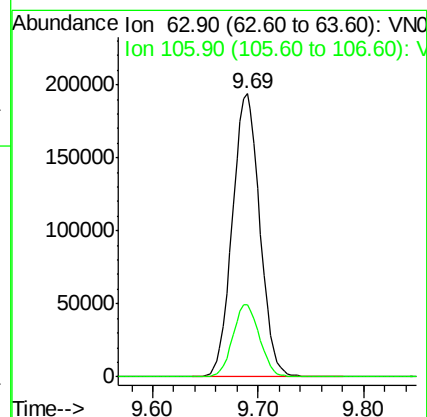
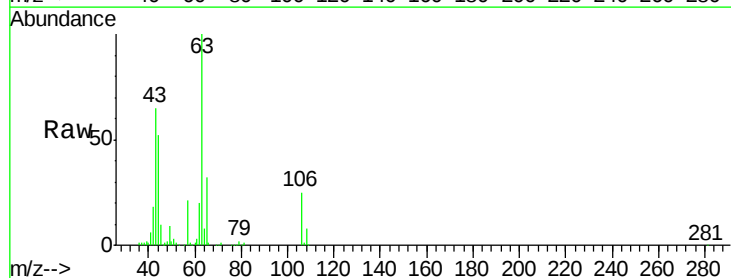
Acq: 19 Sep 2019 13:06

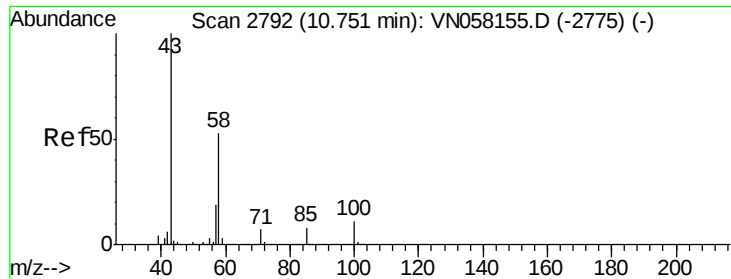
Tgt Ion: 63 Resp: 348599

Ion Ratio Lower Upper

63 100

106 24.9 19.9 29.9





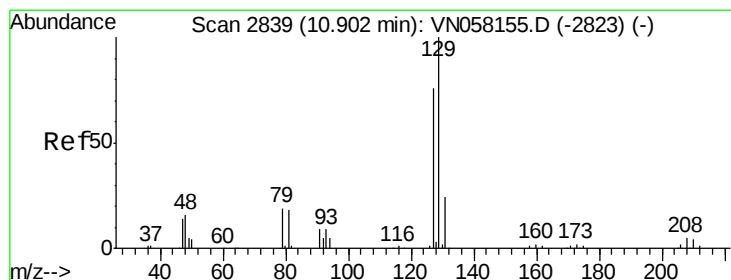
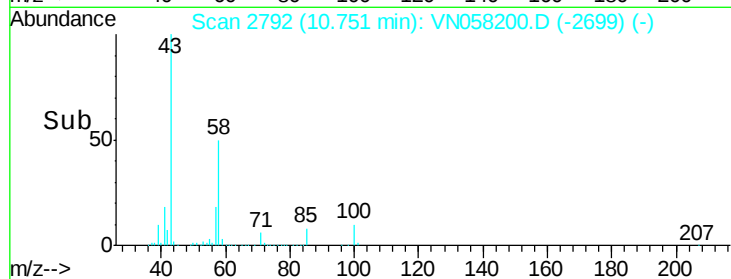
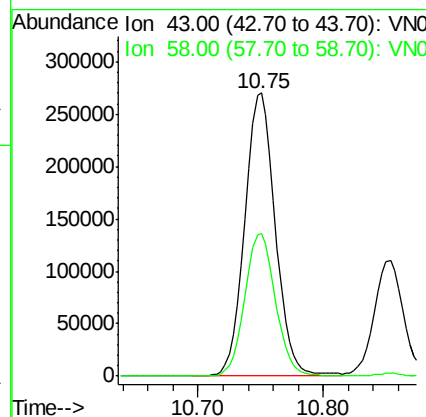
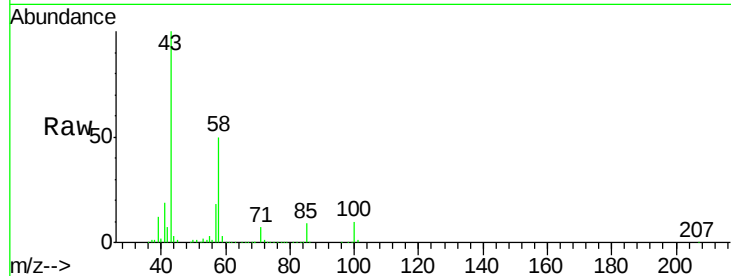
#59
2-Hexanone
Concen: 102.567 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion: 43 Resp: 454917
Ion Ratio Lower Upper
43 100
58 50.8 26.0 78.0

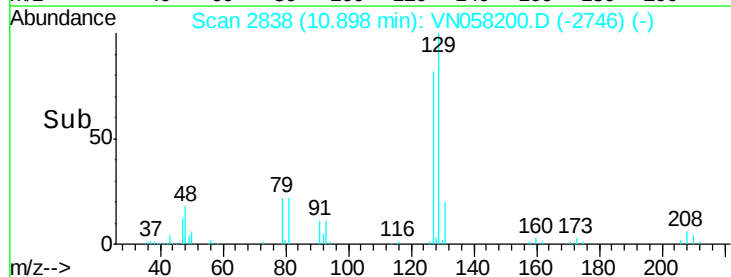
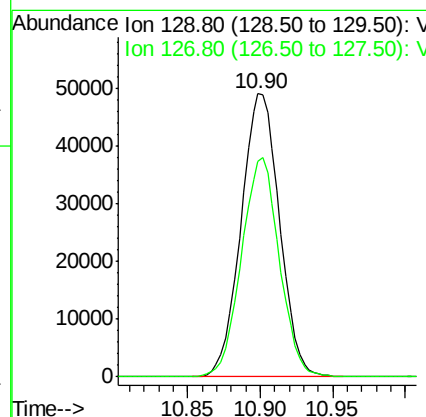
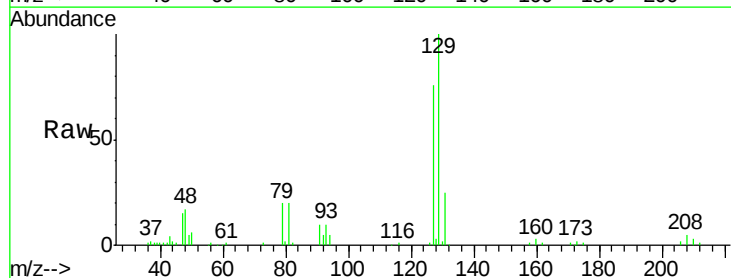
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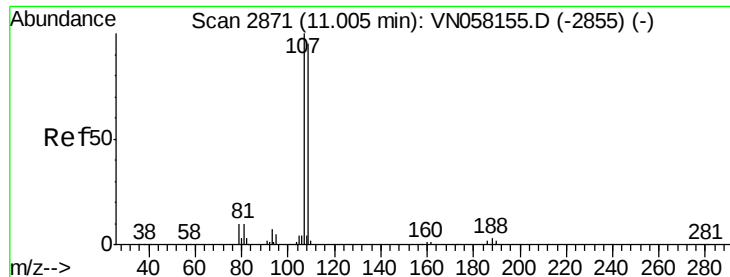
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#60
Dibromochloromethane
Concen: 19.056 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion: 129 Resp: 90339
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1





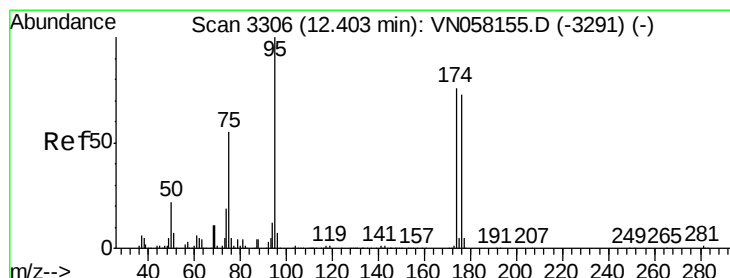
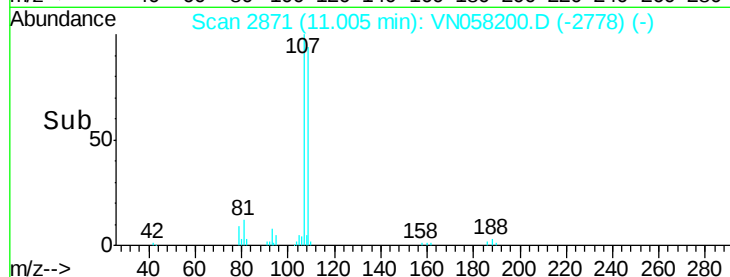
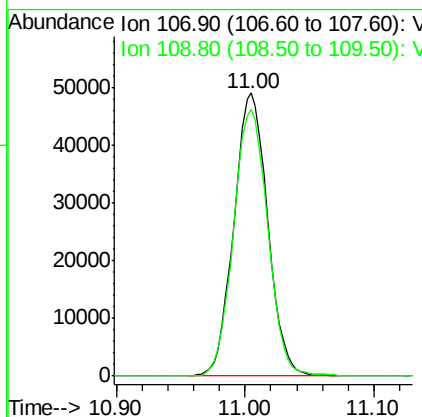
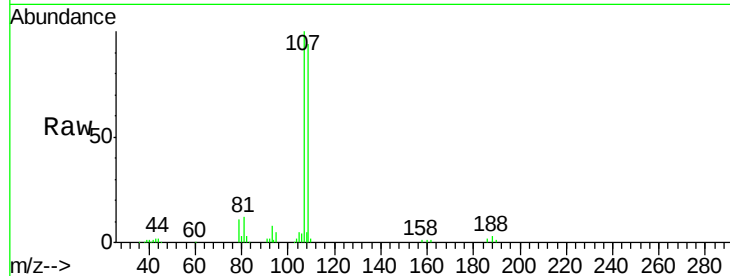
#61
 1,2-Dibromoethane
 Concen: 19.592 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	75.4	113.2

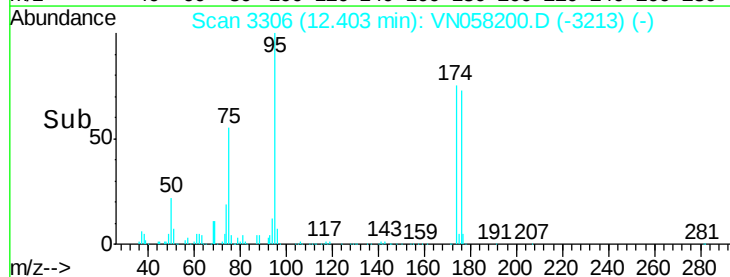
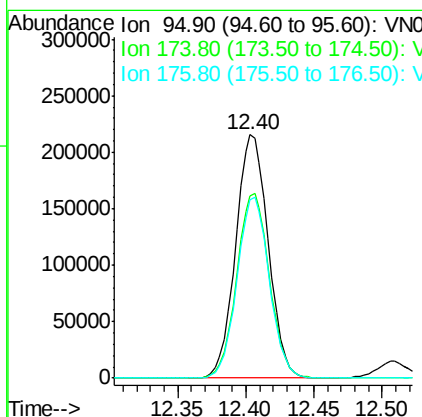
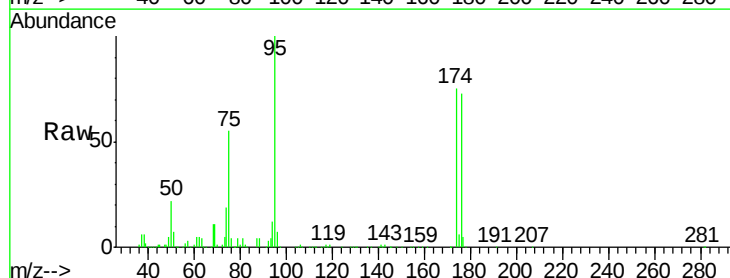
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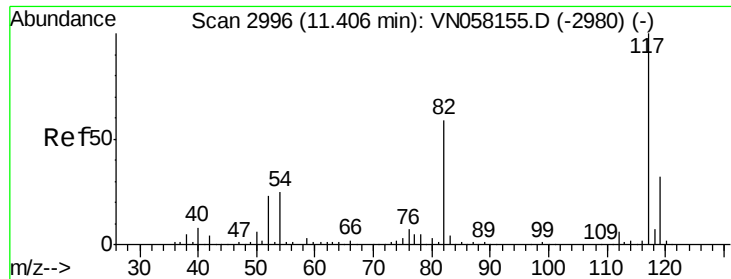
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#62
 4-Bromofluorobenzene
 Concen: 50.318 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	152.2
176	73.4	0.0	148.0





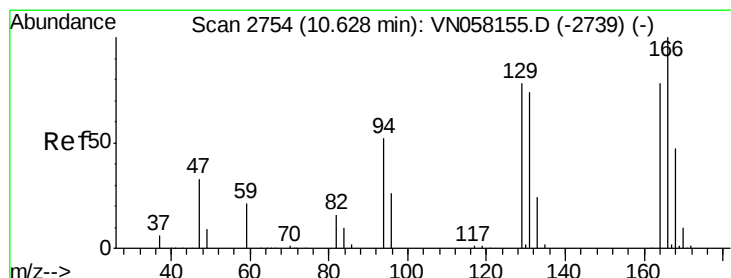
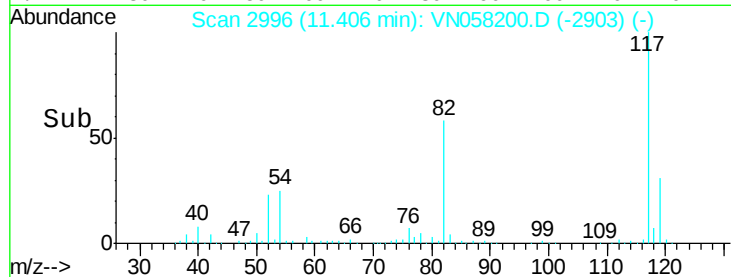
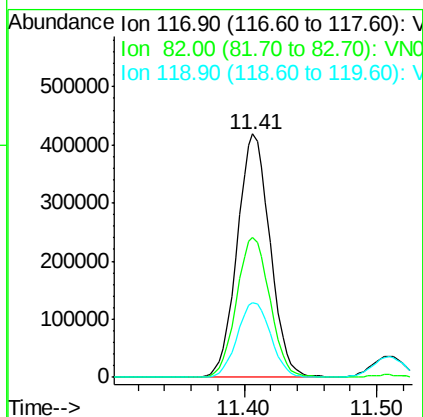
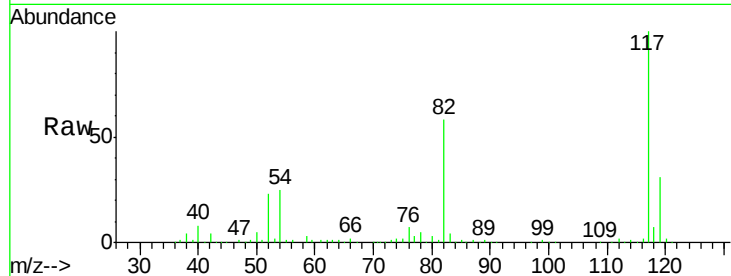
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.9	70.3
119	30.9	25.3	37.9

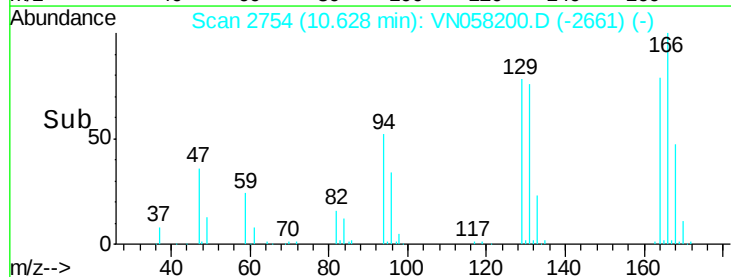
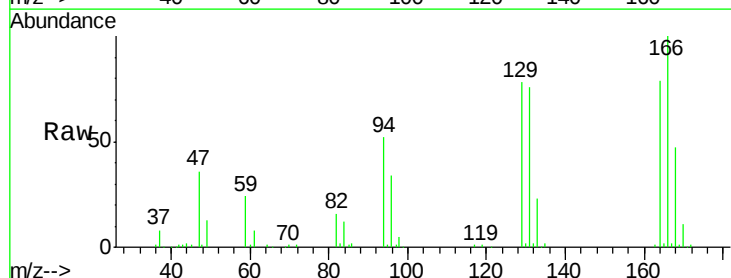
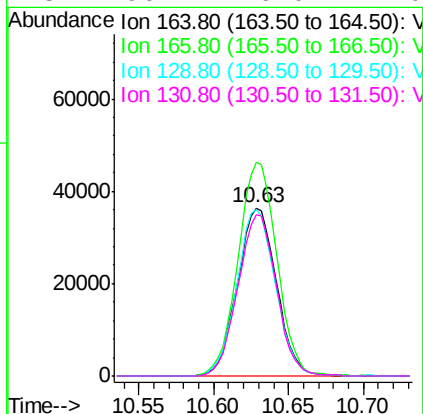
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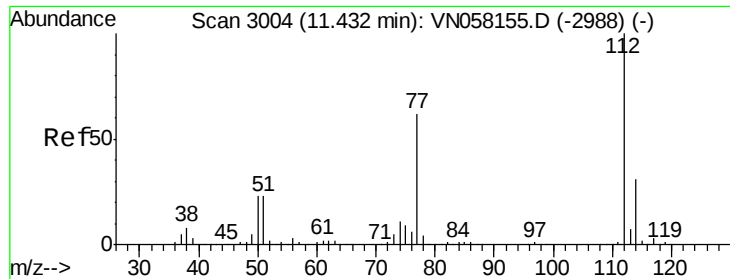
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#64
Tetrachloroethene
Concen: 18.775 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	102.2	153.4
129	99.2	79.6	119.4
131	96.1	76.0	114.0





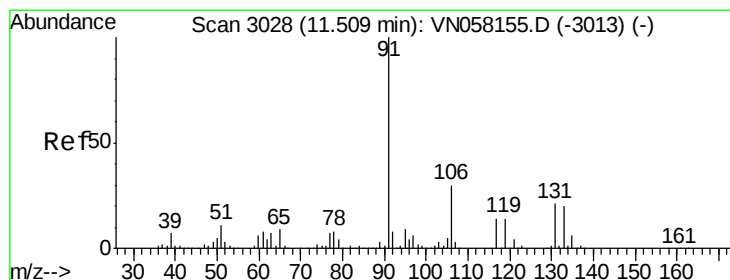
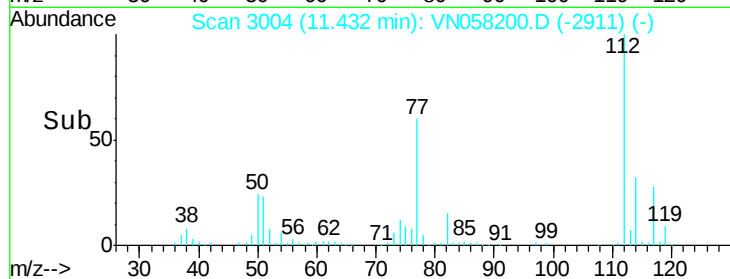
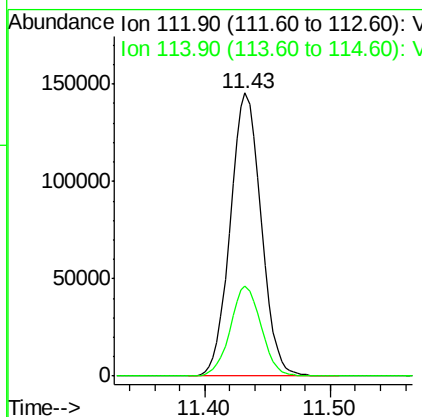
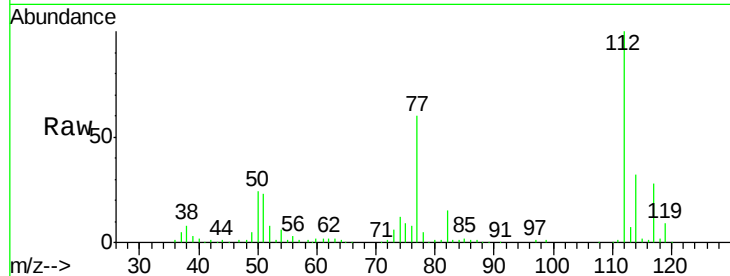
#65
Chlorobenzene
Concen: 19.641 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion:112 Resp: 248717
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7

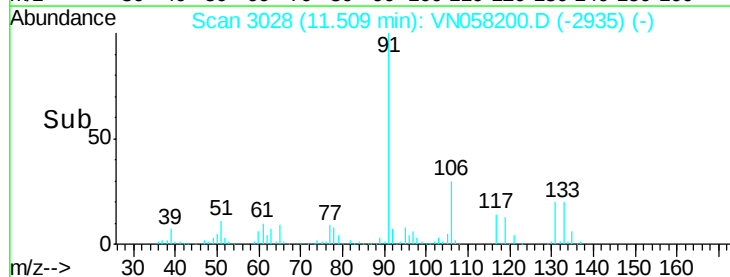
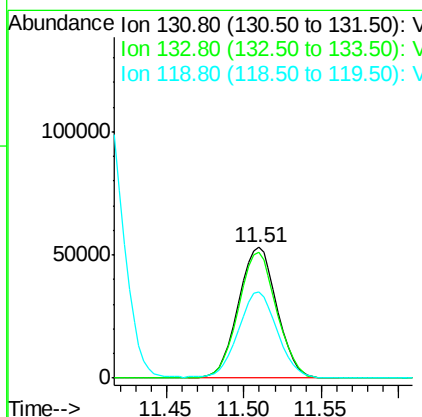
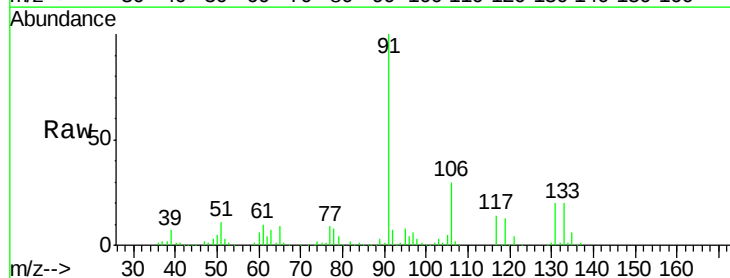
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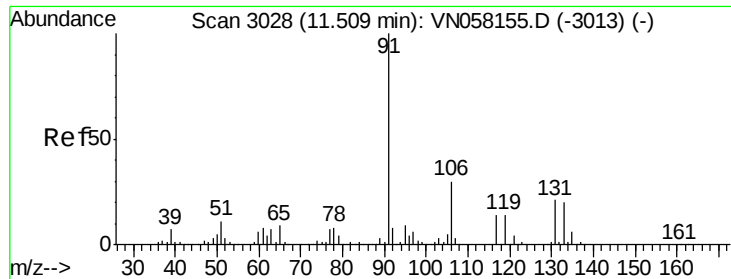
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.100 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion:131 Resp: 92294
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 66.8 33.1 99.3





#67

Ethyl Benzene

Concen: 20.203 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion: 91 Resp: 438360

Ion Ratio Lower Upper

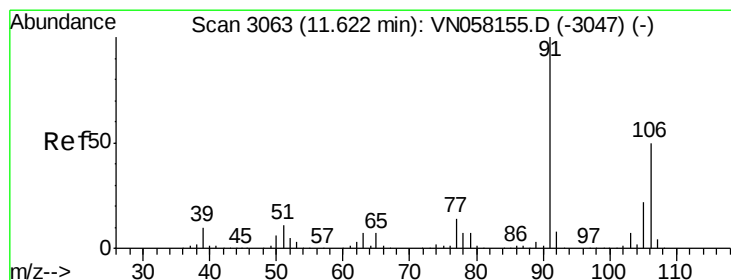
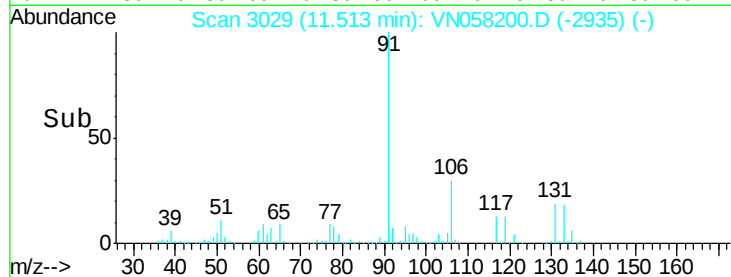
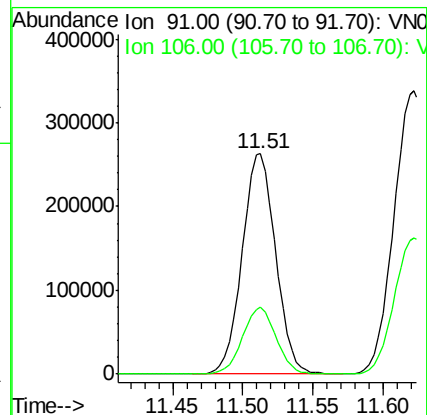
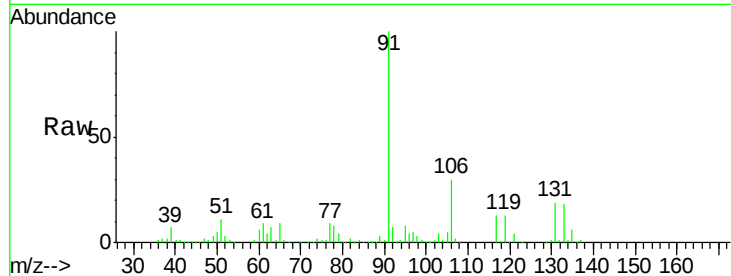
91 100

106 30.2 24.0 36.0

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#68

m/p-Xylenes

Concen: 38.759 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN058200.D

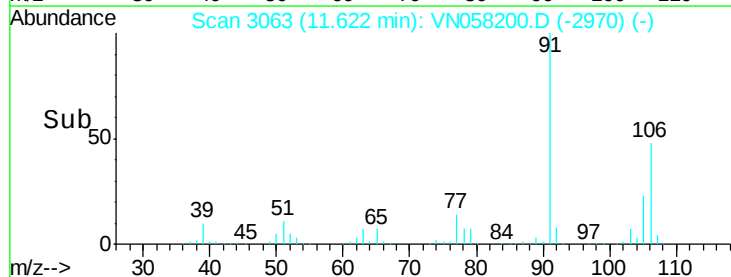
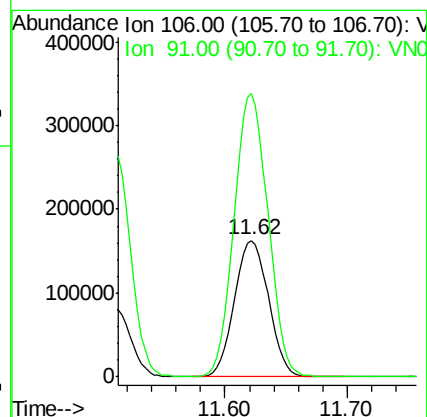
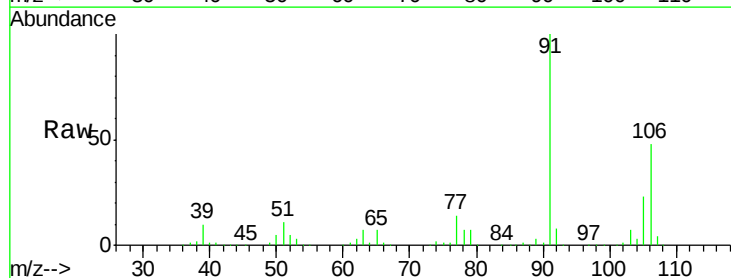
Acq: 19 Sep 2019 13:06

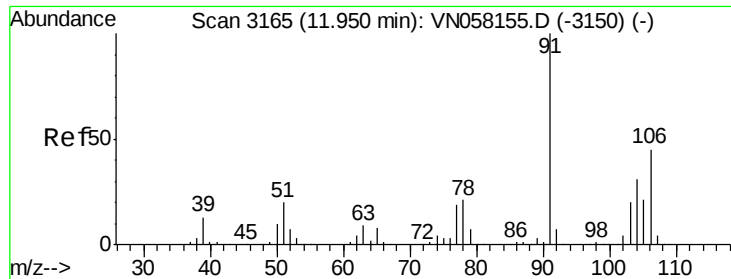
Tgt Ion: 106 Resp: 316749

Ion Ratio Lower Upper

106 100

91 206.2 163.6 245.4





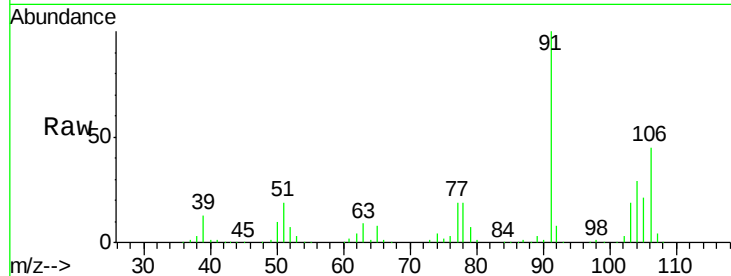
#69
o-Xylene
Concen: 19.491 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

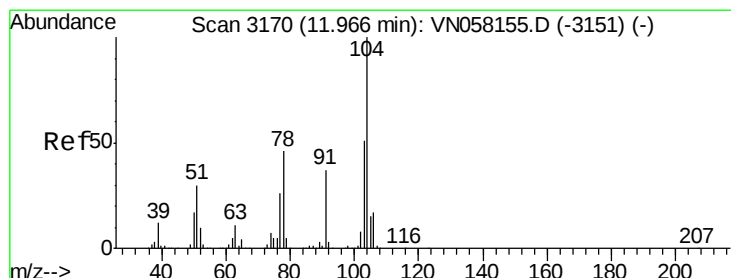
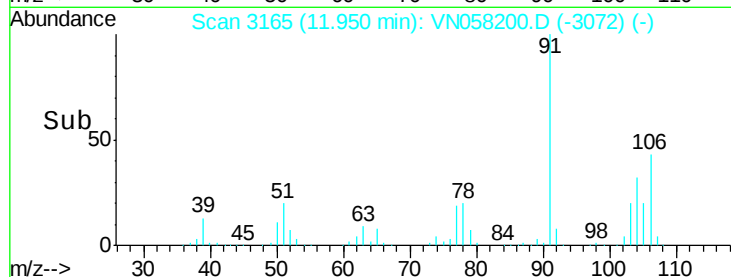
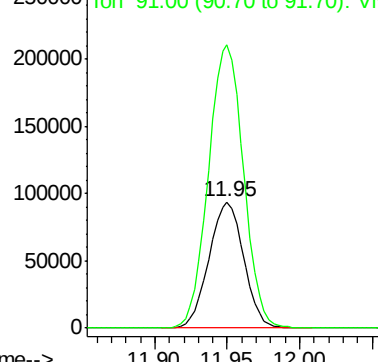
Tot Ion:106 Resp: 156625
Ion Ratio Lower Upper
106 100
91 226.2 111.8 335.3

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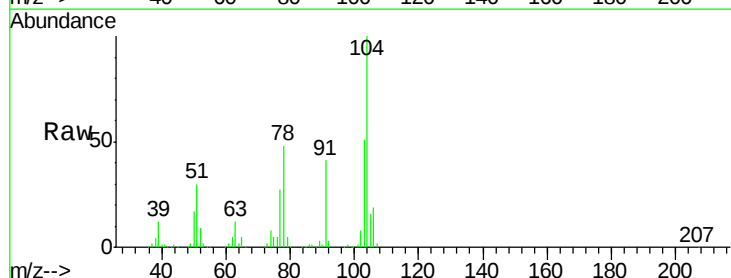


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

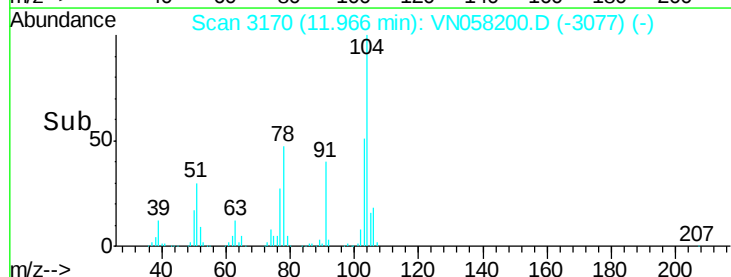
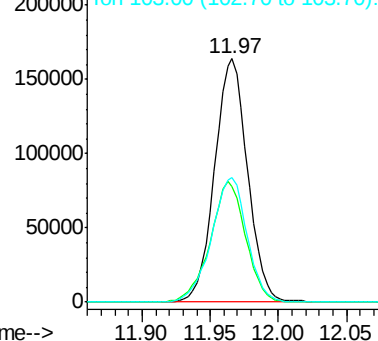


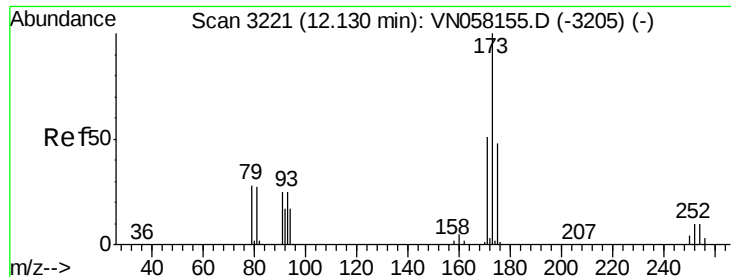
#70
Styrene
Concen: 19.876 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion:104 Resp: 275187
Ion Ratio Lower Upper
104 100
78 53.2 41.8 62.8
103 55.2 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





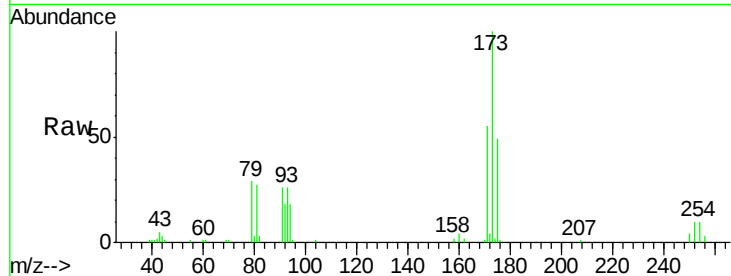
#71
Bromoform
Concen: 18.610 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

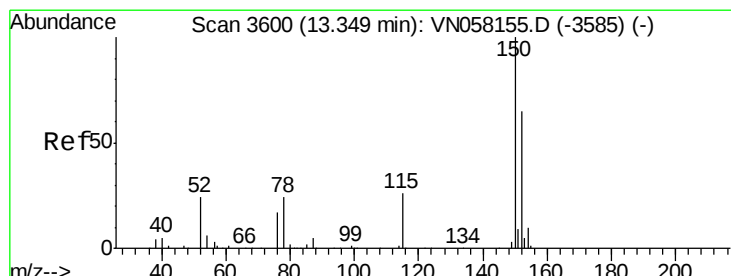
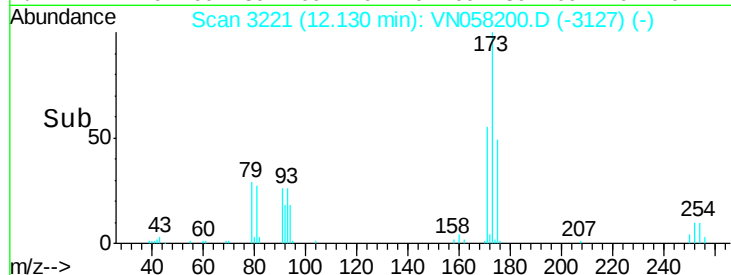
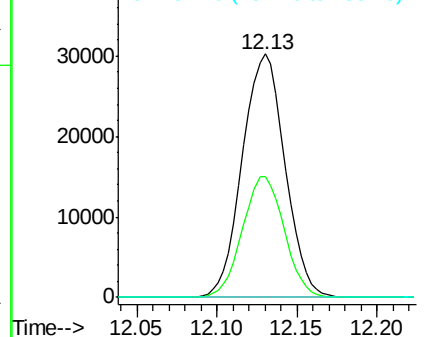
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.2	72.6
254	0.0	0.1	0.1#

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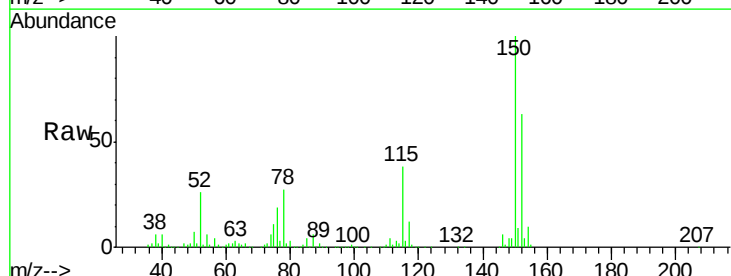


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

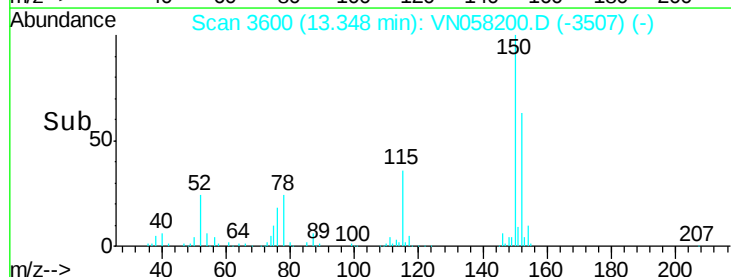
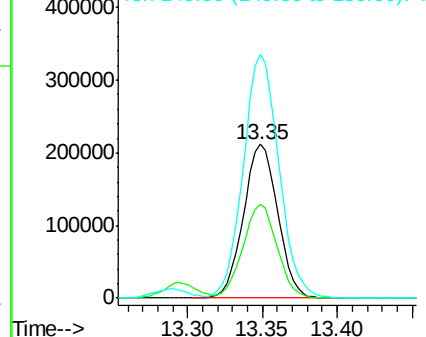


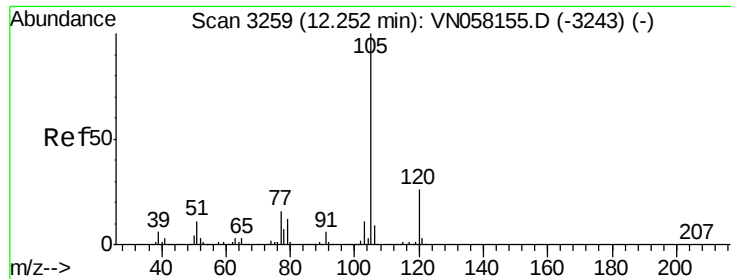
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.1	90.3
150	164.6	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.121 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion: 105 Resp: 446329

Ion Ratio Lower Upper

105 100

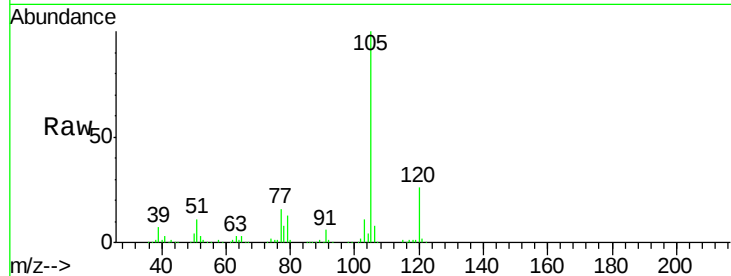
120 26.0 12.8 38.3

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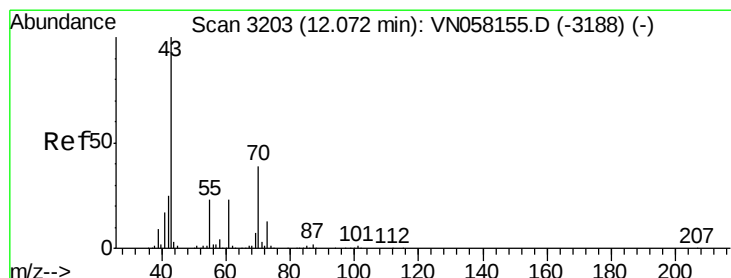
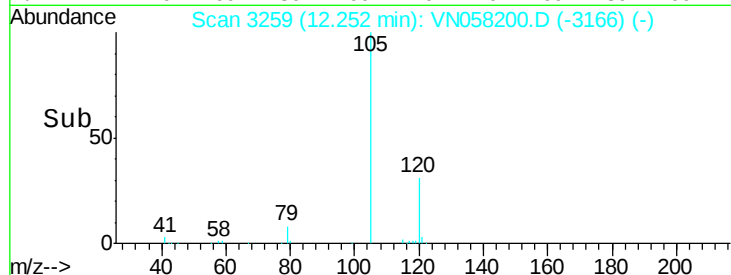
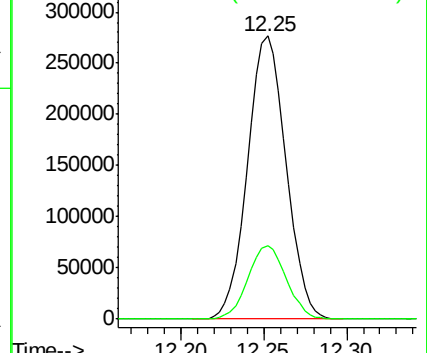
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.920 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Tgt Ion: 43 Resp: 184943

Ion Ratio Lower Upper

43 100

70 38.8 31.0 46.6

55 24.2 18.5 27.7

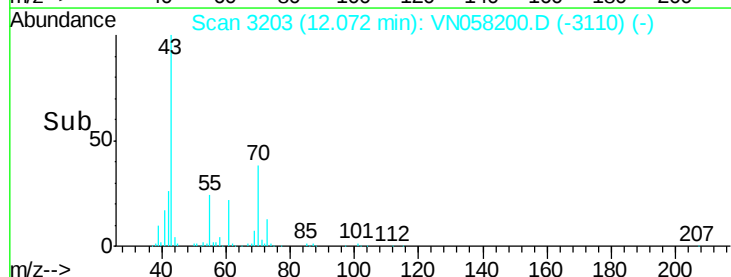
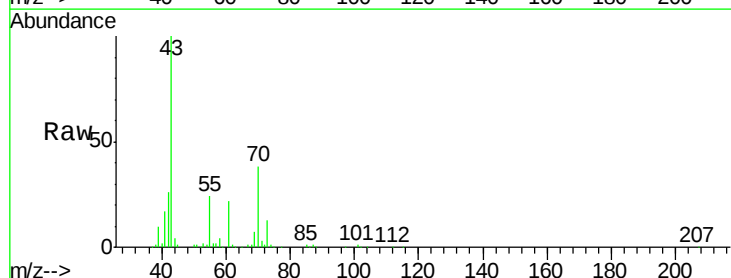
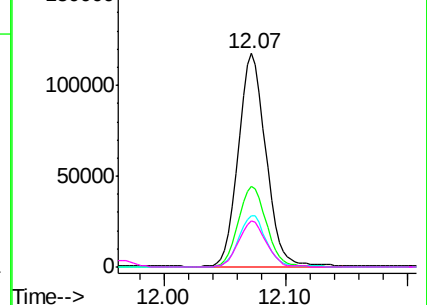
61 21.7 18.2 27.2

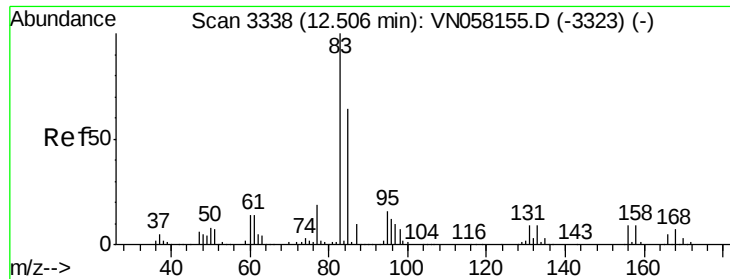
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.039 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

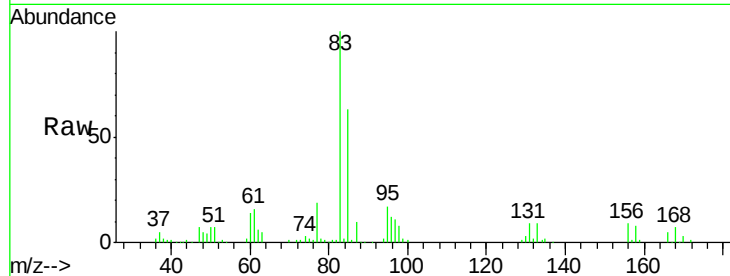
ClientSampleId :

VN0919WBS01

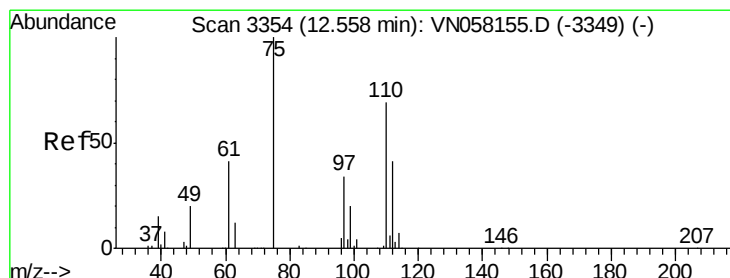
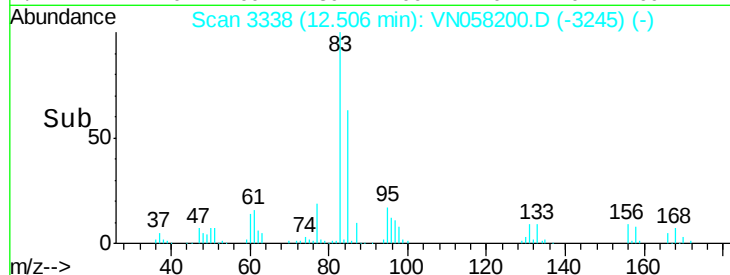
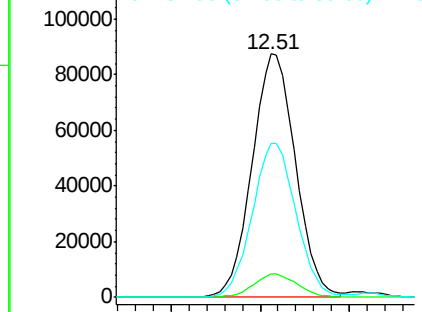
Tot Ion:	83	Resp:	148884
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.8	14.3
85	63.7	31.9	95.5

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Abundance Ion 82.90 (82.60 to 83.60): VN058200.D (-3245) (-)



#76

1,2,3-Trichloropropane

Concen: 22.503 ug/l m

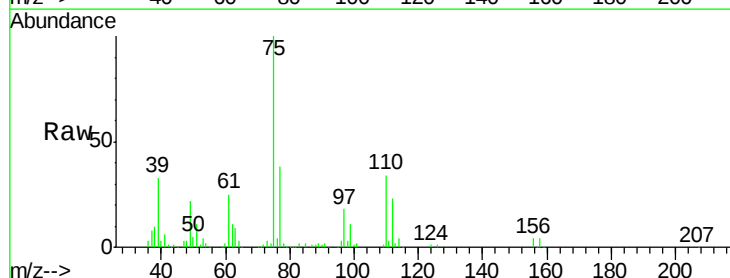
RT: 12.56 min Scan# 3354

Delta R.T. -0.00 min

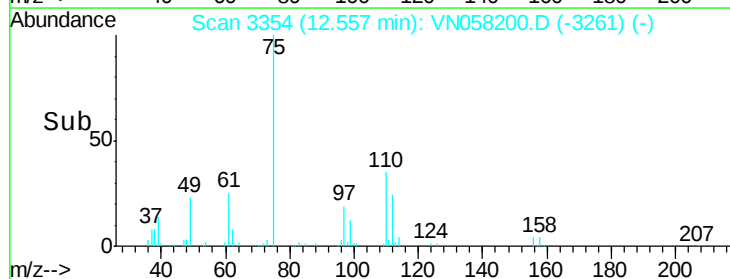
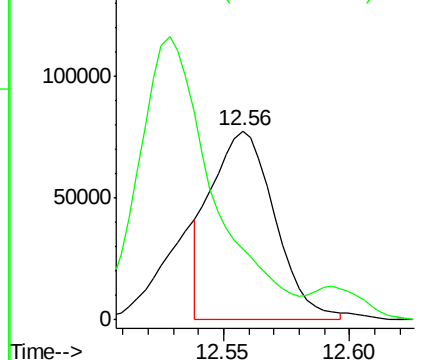
Lab File: VN058200.D

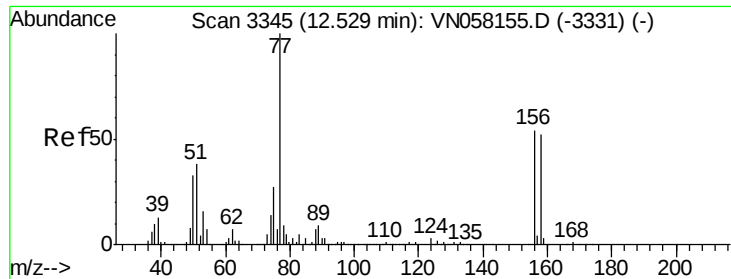
Acq: 19 Sep 2019 13:06

Tgt Ion:	75	Resp:	135966
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN058200.D (-3261) (-)





#77

Bromobenzene

Concen: 19.955 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

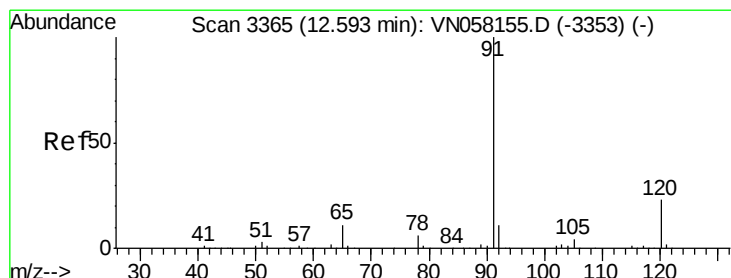
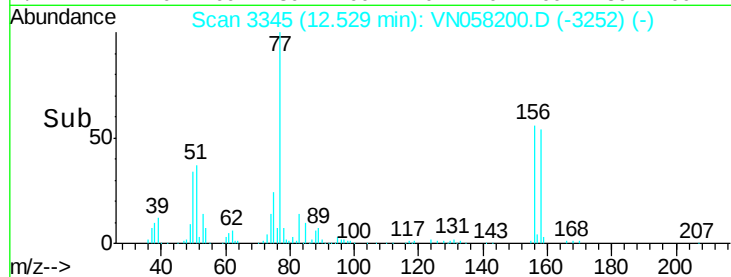
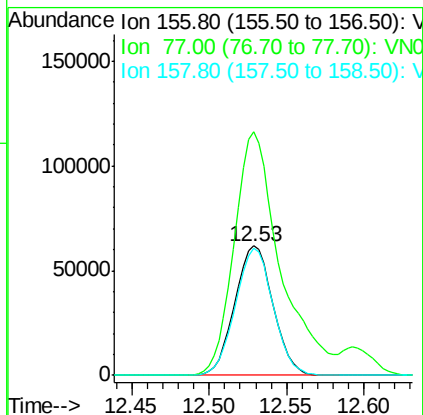
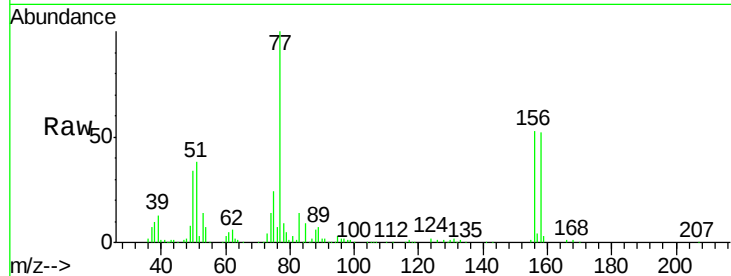
ClientSampleId :

VN0919WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	227.1	111.7	335.1		
158	97.0	47.9	143.8		

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#78

n-propylbenzene

Concen: 21.503 ug/l

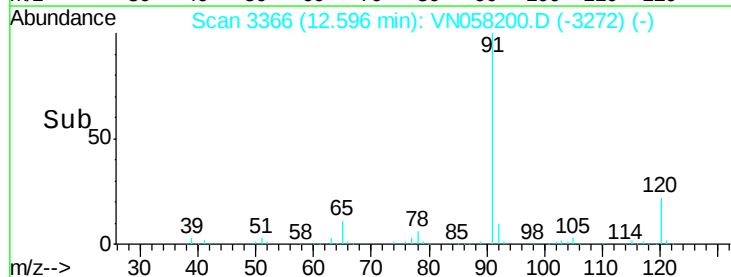
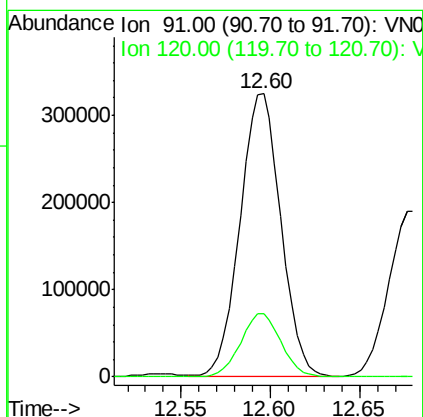
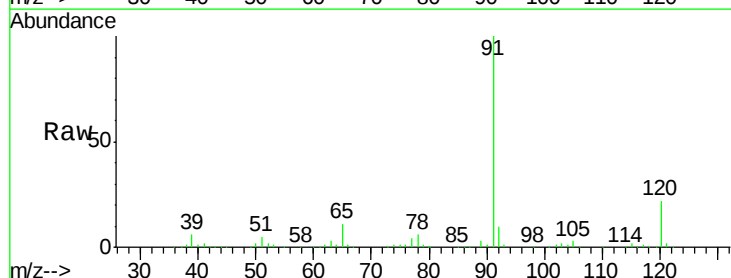
RT: 12.60 min Scan# 3366

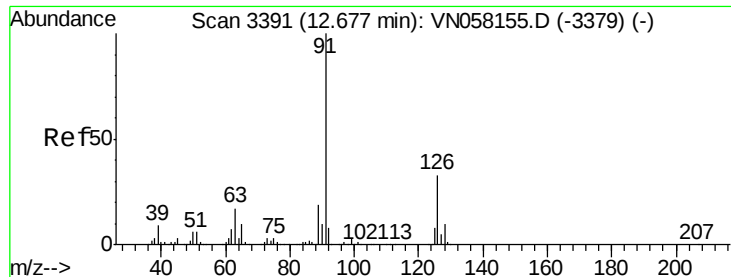
Delta R.T. 0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	22.3	11.1	33.3		





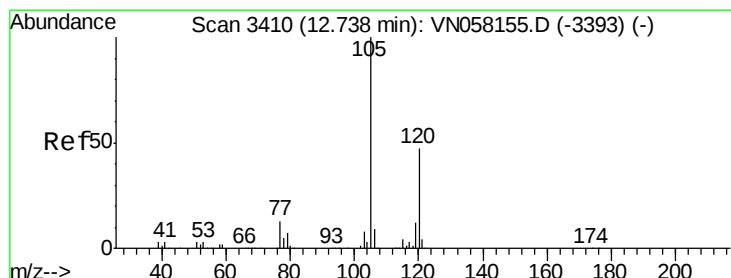
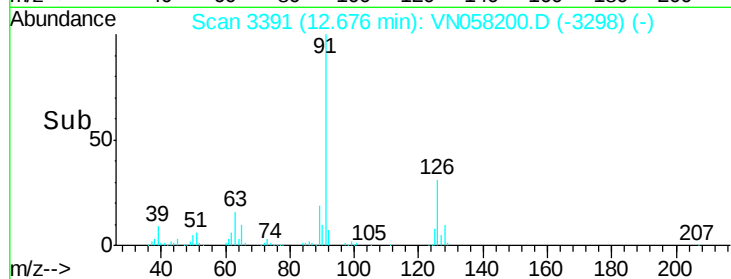
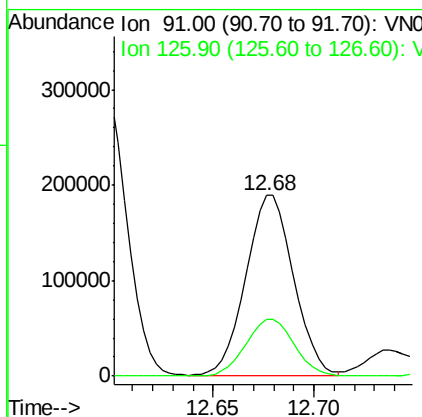
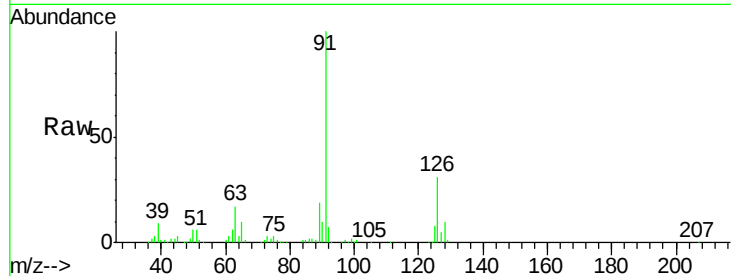
#79
 2-Chlorotoluene
 Concen: 20.771 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion: 91 Resp: 311732
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.4 49.1

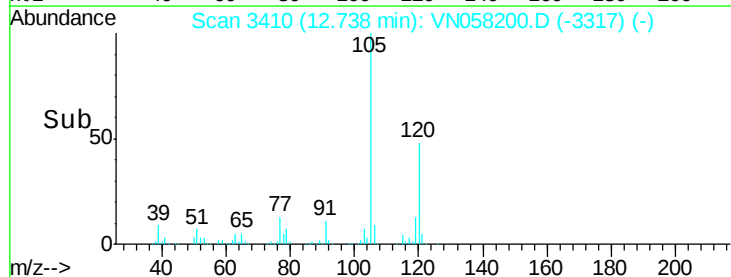
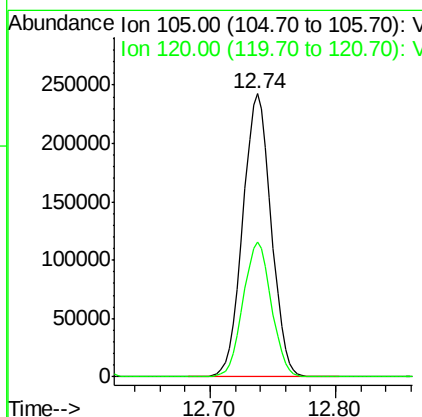
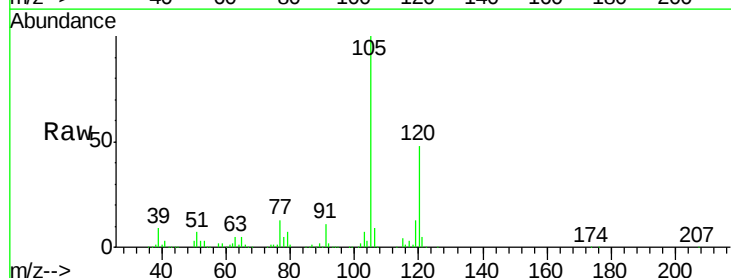
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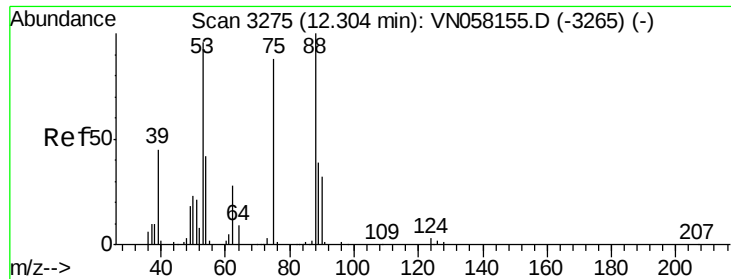
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.277 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion: 105 Resp: 380216
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.4 70.0





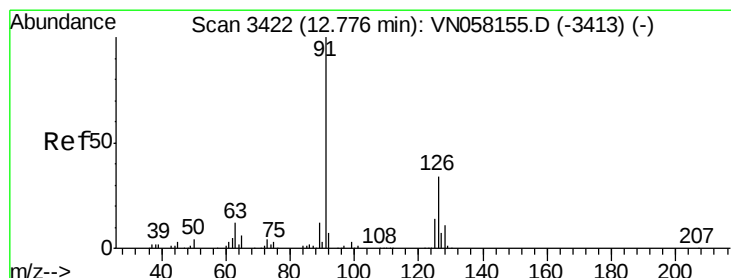
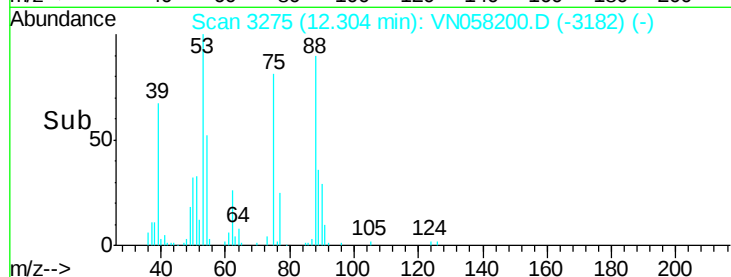
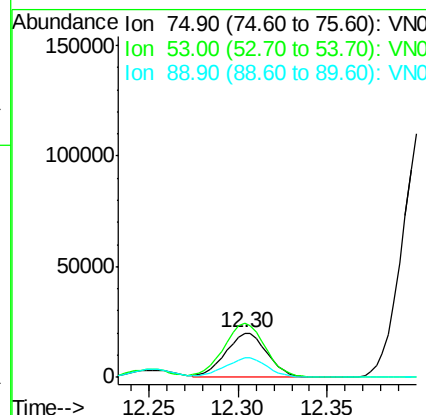
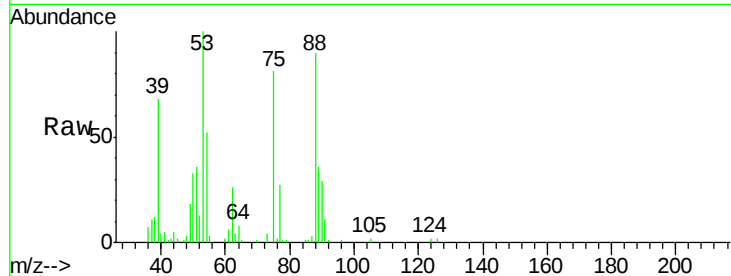
#81
trans-1,4-Dichloro-2-butene
Concen: 19.582 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	126.7	90.1	135.1
89	45.8	36.2	54.2

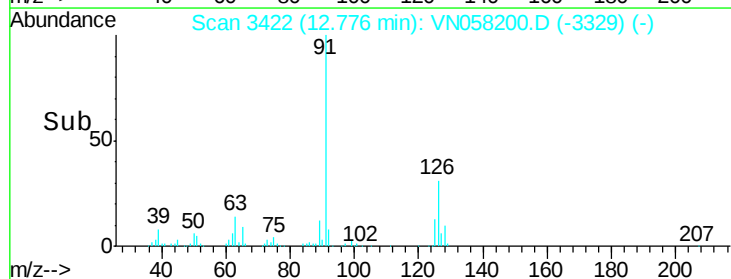
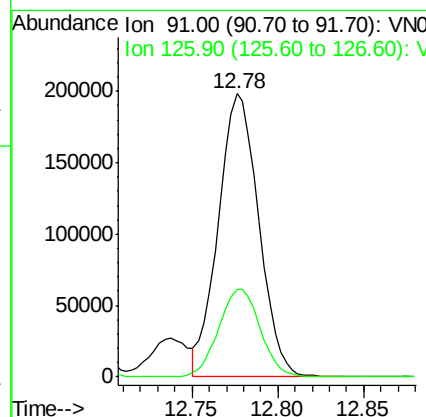
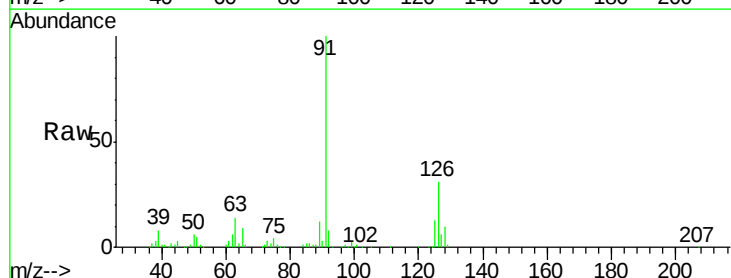
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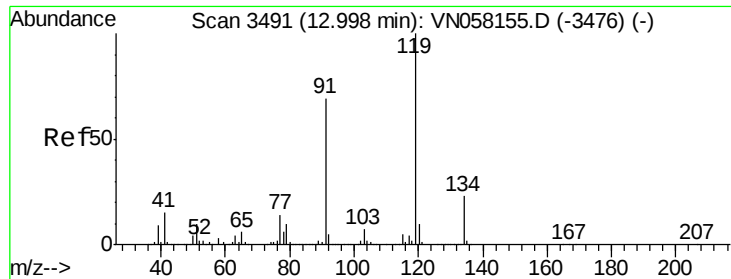
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#82
4-Chlorotoluene
Concen: 20.521 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	15.7	47.1





#83

tert-Butylbenzene

Concen: 21.037 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

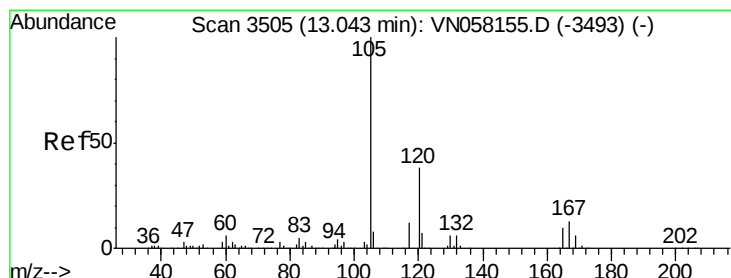
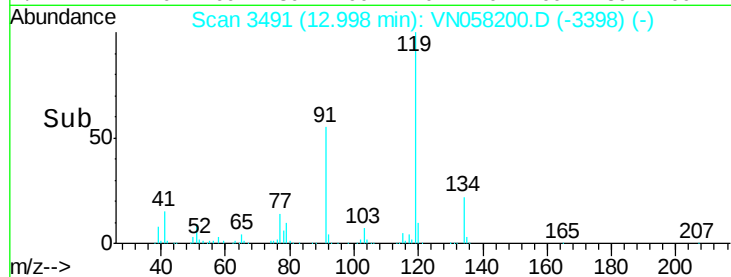
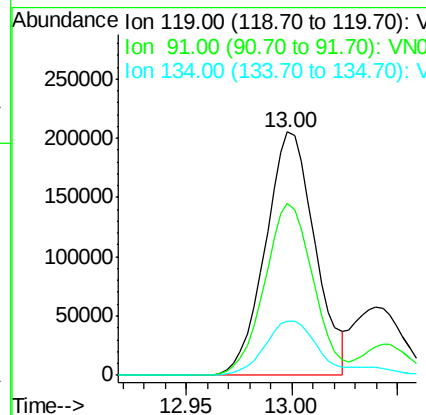
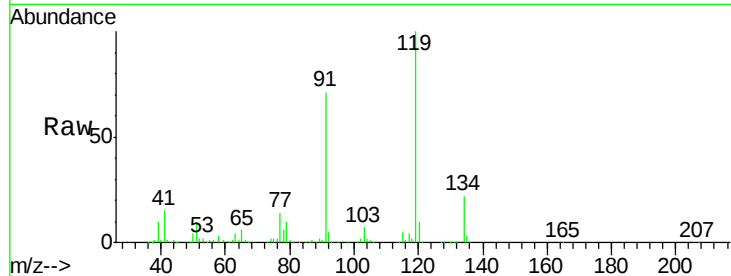
ClientSampleId :

VN0919WBS01

Tot Ion:	119	Resp:	335253
Ion Ratio	Lower	Upper	
119	100		
91	69.7	33.8	101.3
134	23.6	11.6	34.8

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#84

1,2,4-Trimethylbenzene

Concen: 21.613 ug/l

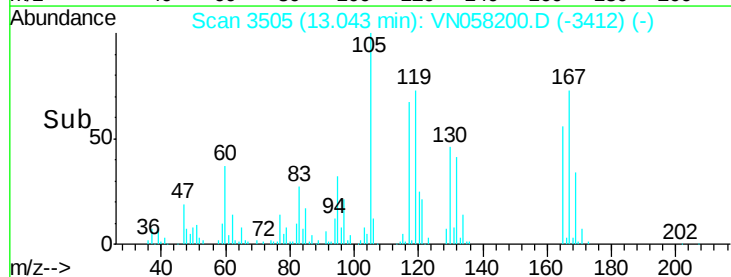
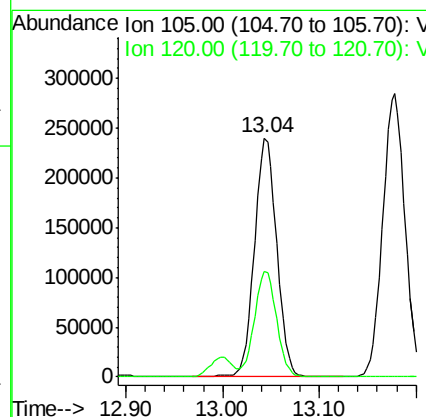
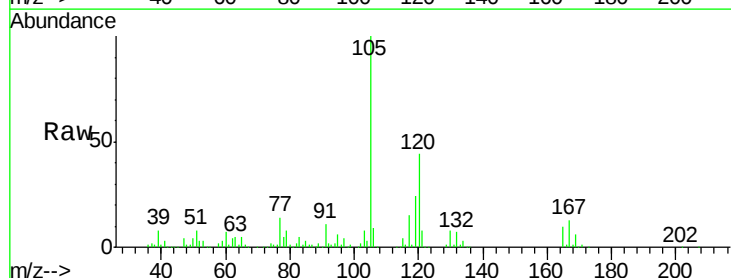
RT: 13.04 min Scan# 3505

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Tgt Ion:	105	Resp:	384347
Ion Ratio	Lower	Upper	
105	100		
120	43.7	22.1	66.5





#85

sec-Butylbenzene

Concen: 21.717 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion:105 Resp: 452557

Ion Ratio Lower Upper

105 100

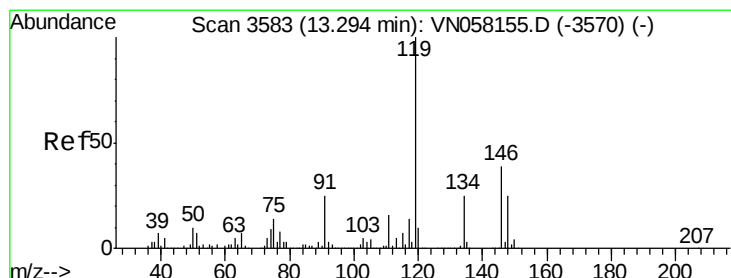
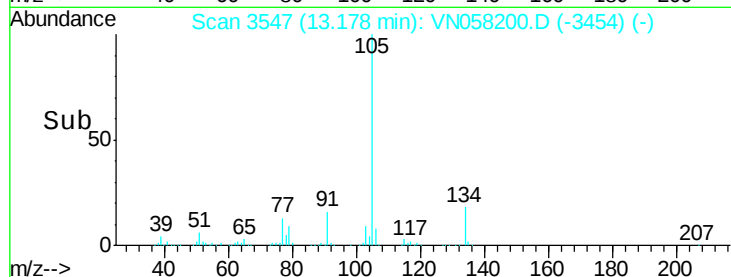
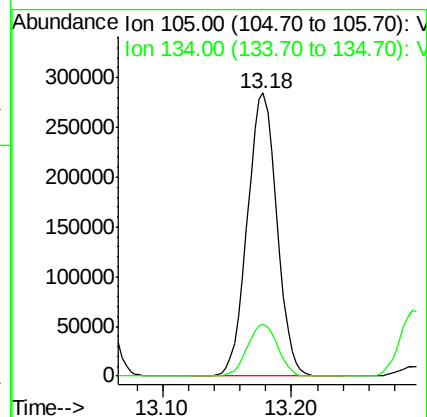
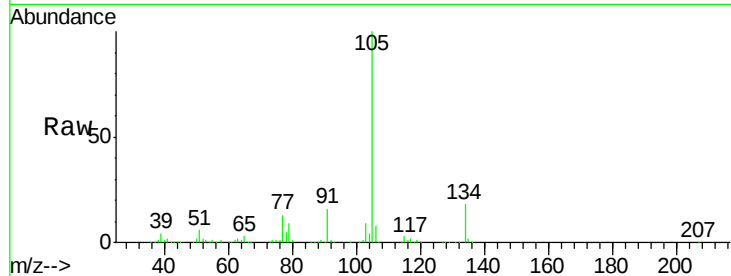
134 19.0 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.631 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

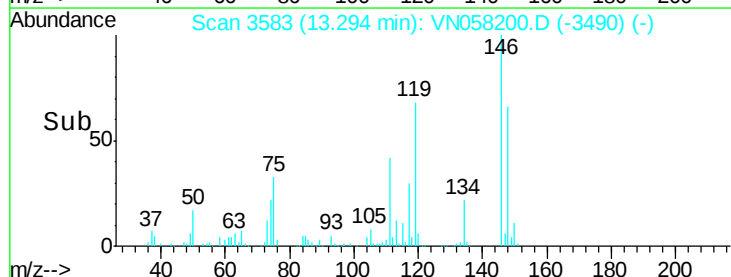
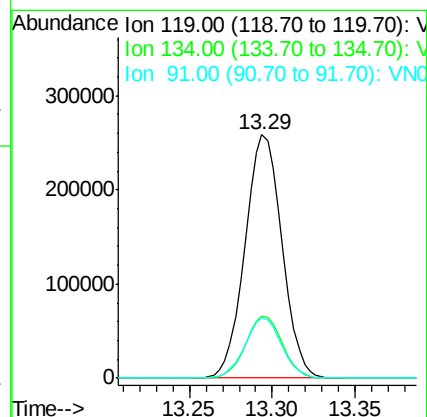
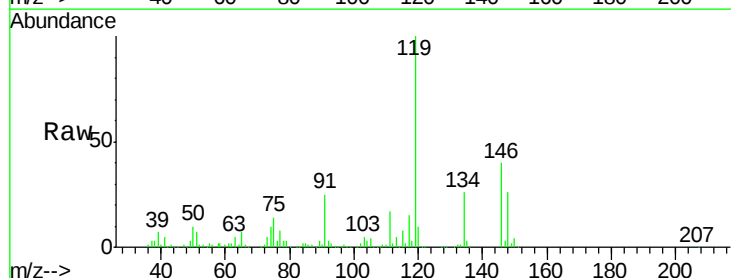
Tgt Ion:119 Resp: 400740

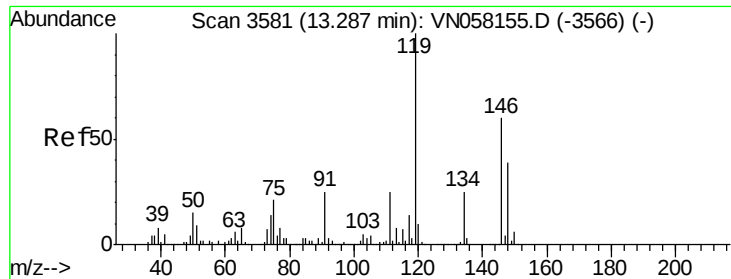
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

91 24.5 12.3 36.8





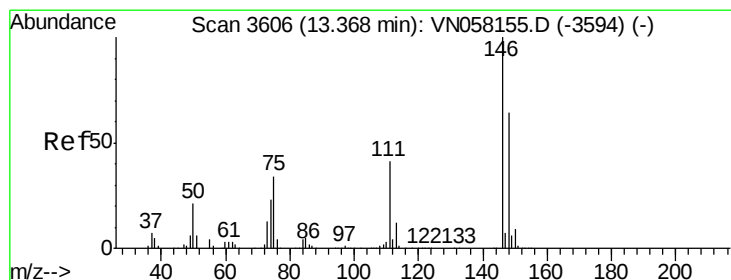
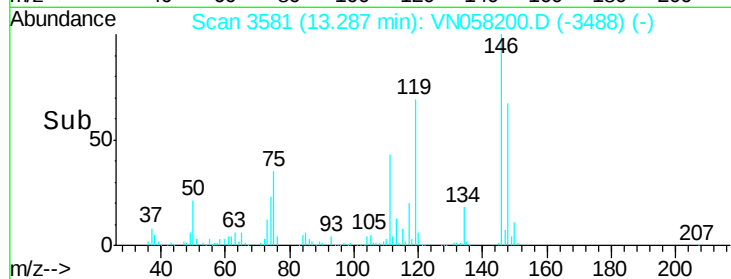
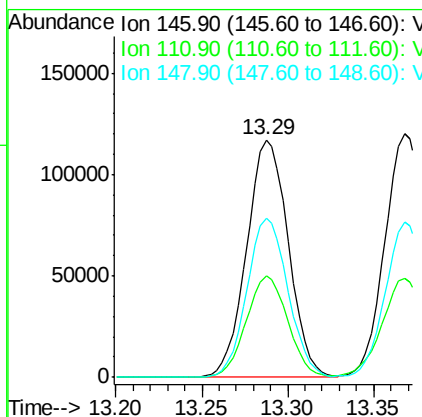
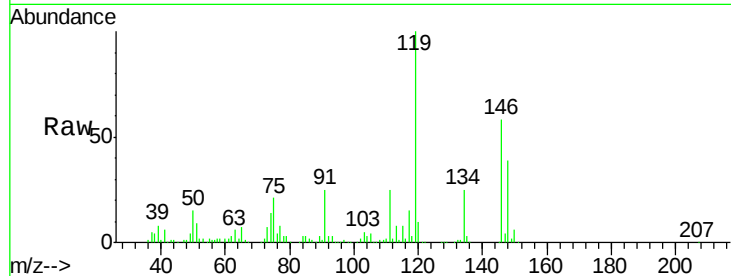
#87
 1,3-Dichlorobenzene
 Concen: 20.276 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	196857		
111	42.5	20.9	62.8	
148	65.9	32.0	96.2	

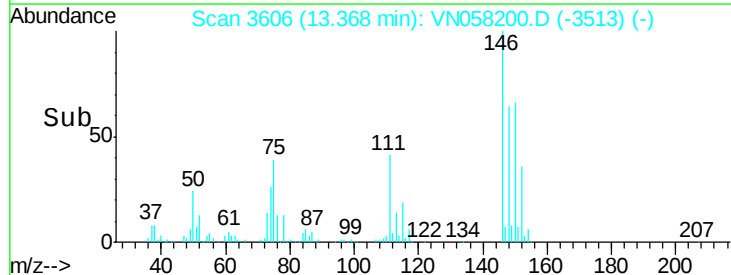
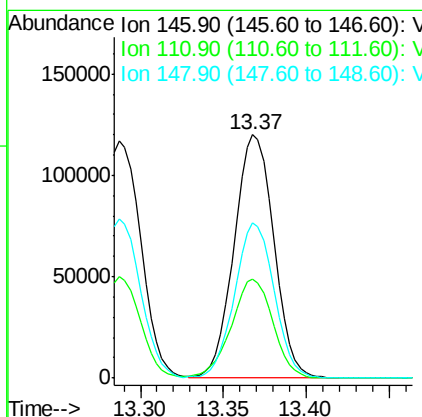
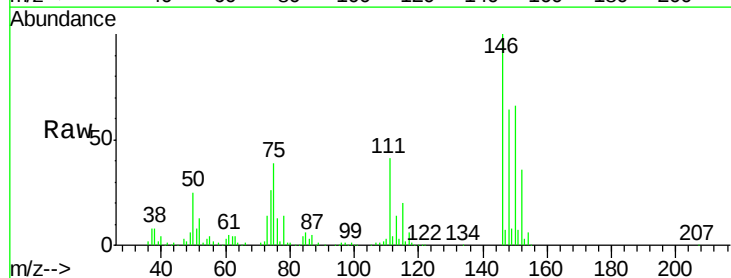
Manual Integrations
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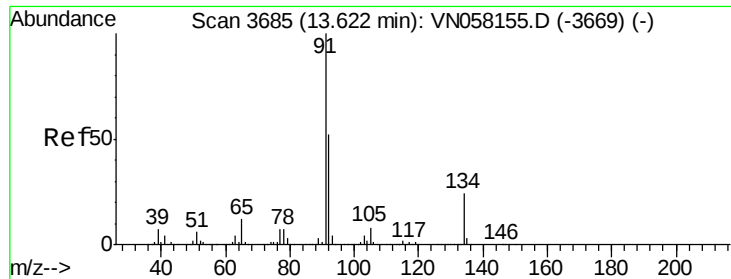
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#88
 1,4-Dichlorobenzene
 Concen: 20.135 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	199580		
111	42.4	20.5	61.5	
148	63.9	31.9	95.5	





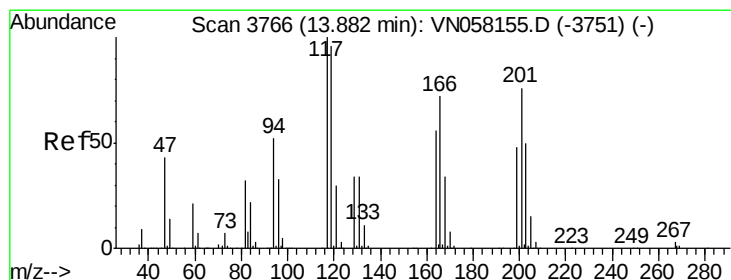
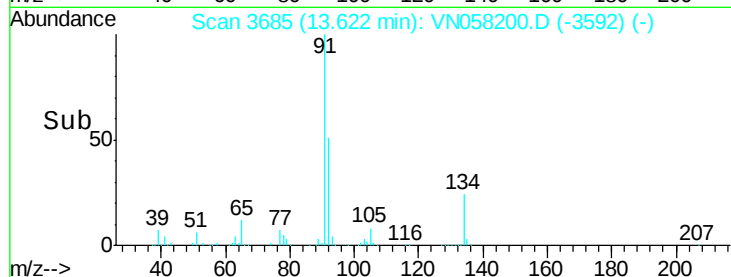
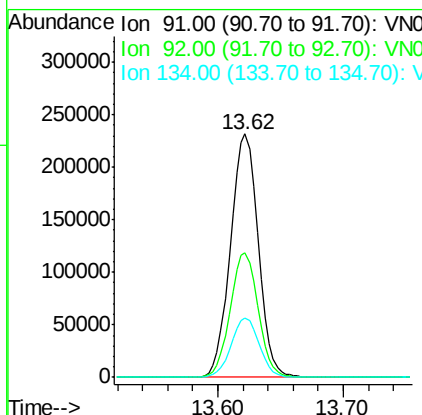
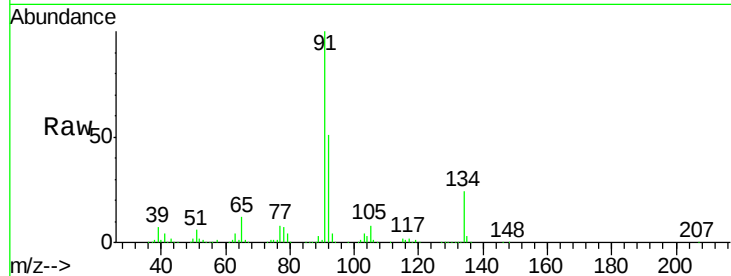
#89
n-Butylbenzene
Concen: 20.281 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.7	77.0
134	24.7	11.8	35.4

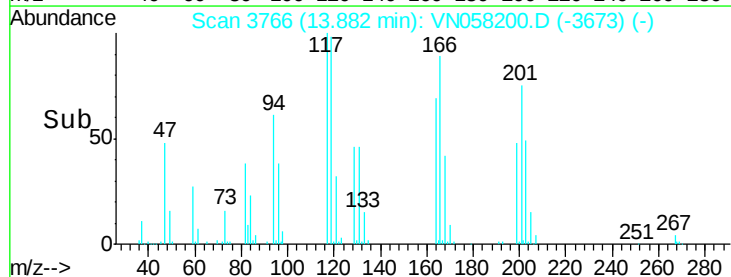
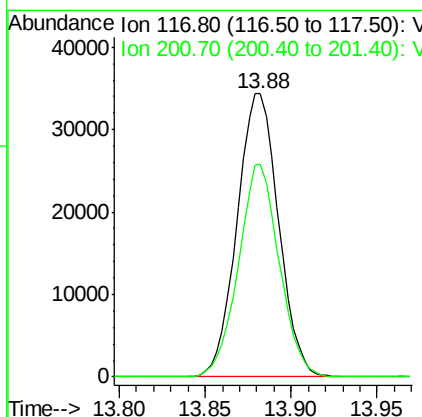
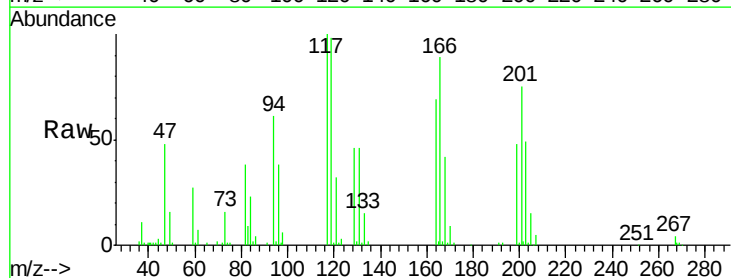
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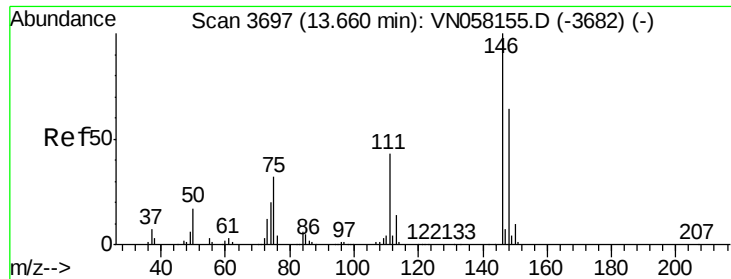
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#90
Hexachloroethane
Concen: 19.508 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN058200.D
Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.8	37.5	112.5





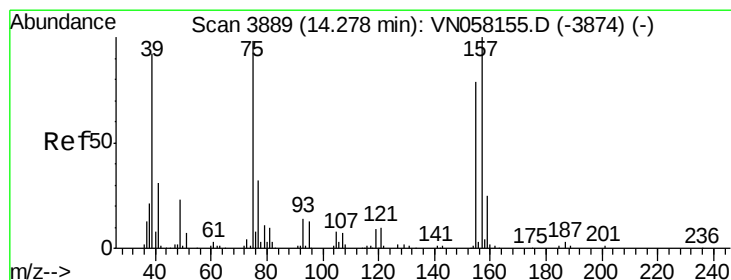
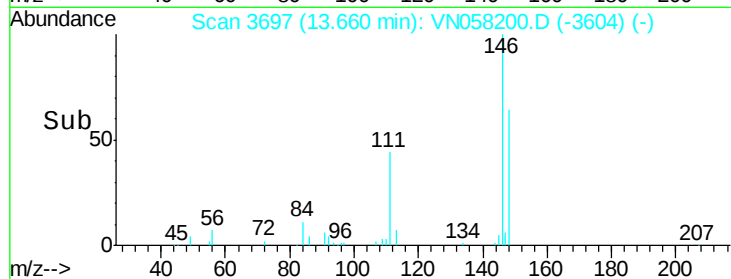
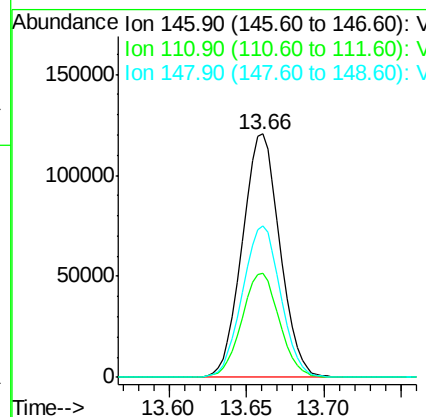
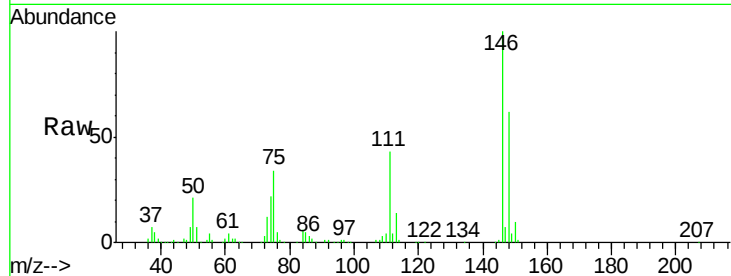
#91
 1,2-Dichlorobenzene
 Concen: 20.939 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.1
148	63.3	31.8	95.4

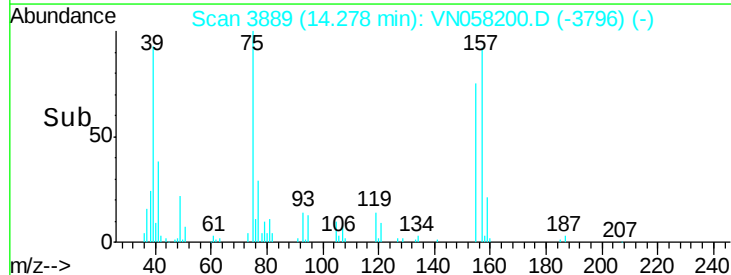
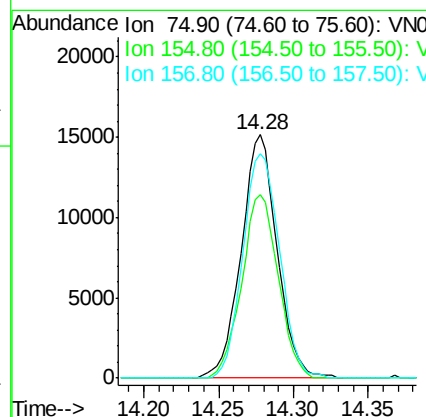
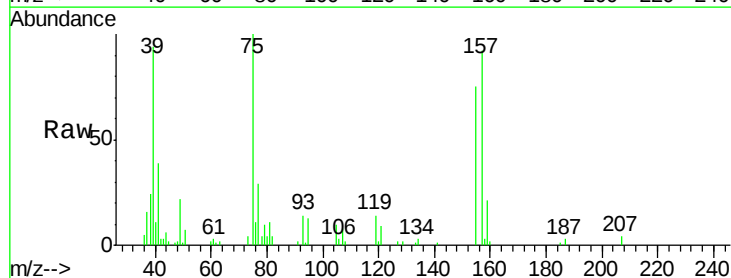
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.881 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.2	38.3	114.8
157	94.5	48.0	144.0





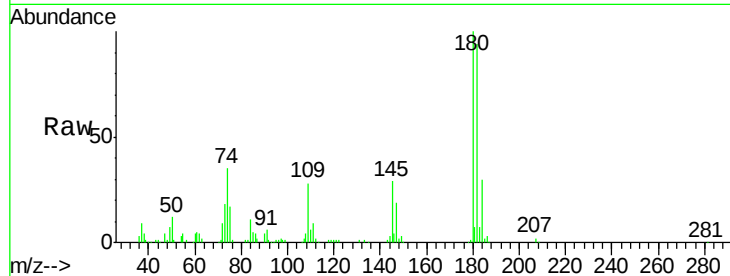
#93
 1,2,4-Trichlorobenzene
 Concen: 19.589 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

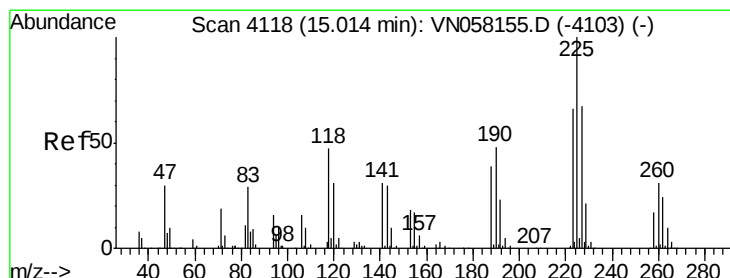
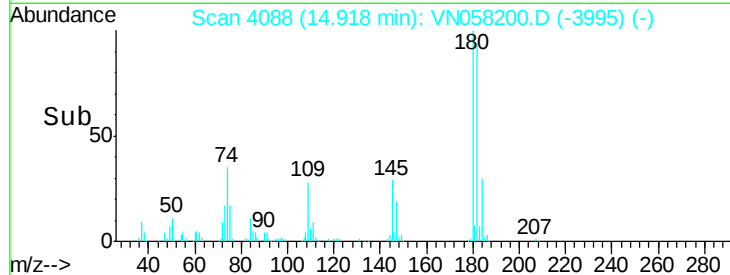
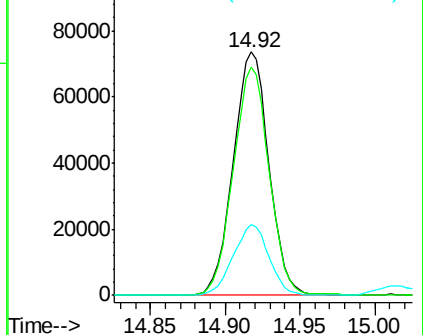
Tot Ion	Ratio	Resp	Lower	Upper
180	100	121894		
182	94.0	47.8	143.3	
145	29.1	15.4	46.4	

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 3:37:18 PM

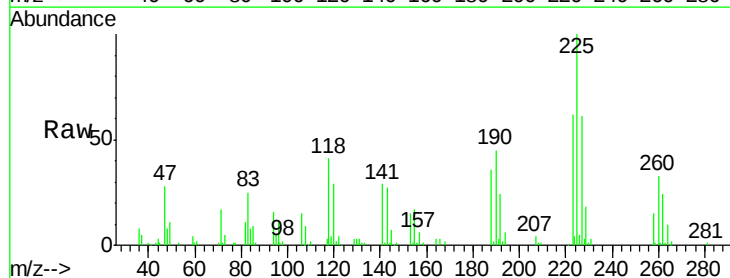


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

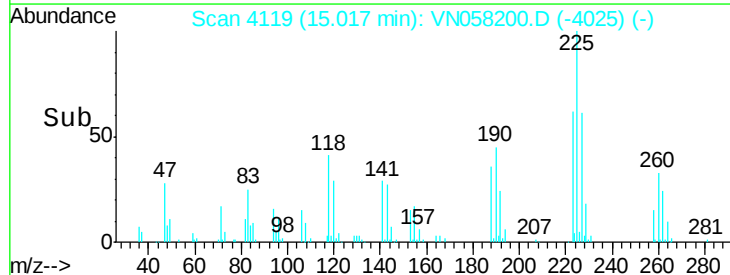
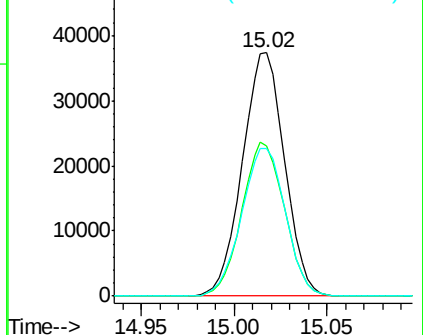


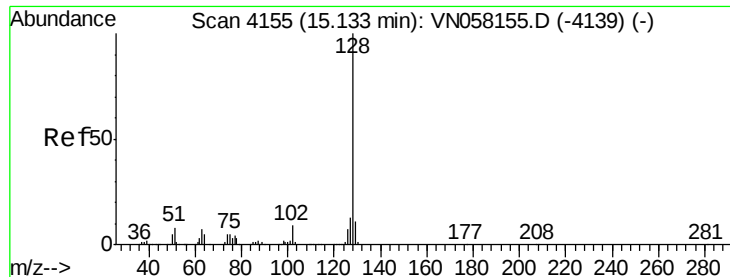
#94
 Hexachlorobutadiene
 Concen: 19.665 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058200.D
 Acq: 19 Sep 2019 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59144		
223	63.6	32.6	97.7	
227	62.9	33.0	99.0	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.302 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Instrument :

MSVOA_N

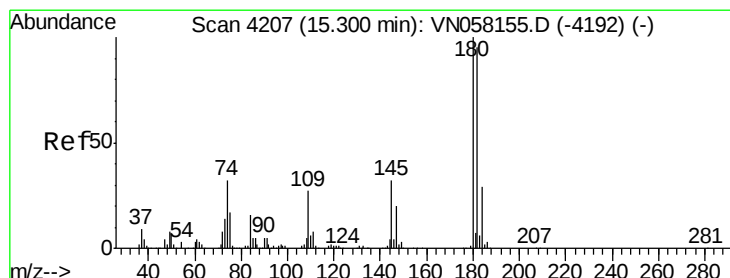
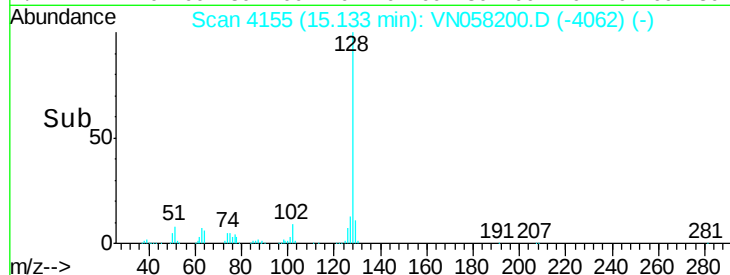
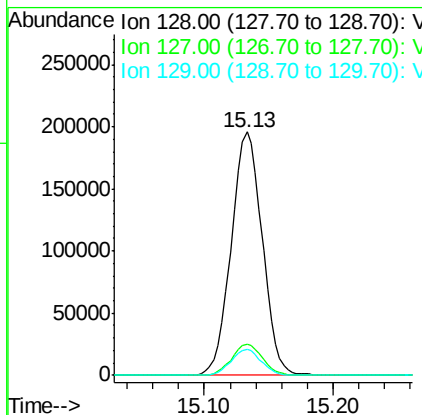
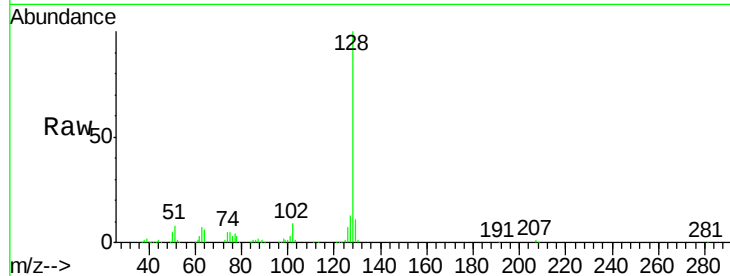
ClientSampleId :

VN0919WBS01

Tot Ion:	128	Resp:	327397
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.6	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/20/2019 3:37:18 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.728 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. -0.00 min

Lab File: VN058200.D

Acq: 19 Sep 2019 13:06

Tgt Ion:	180	Resp:	116031
Ion Ratio	Lower	Upper	
180	100		
182	98.9	47.4	142.2
145	33.2	16.1	48.2

